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Hambo, 2 Jan. 1874.

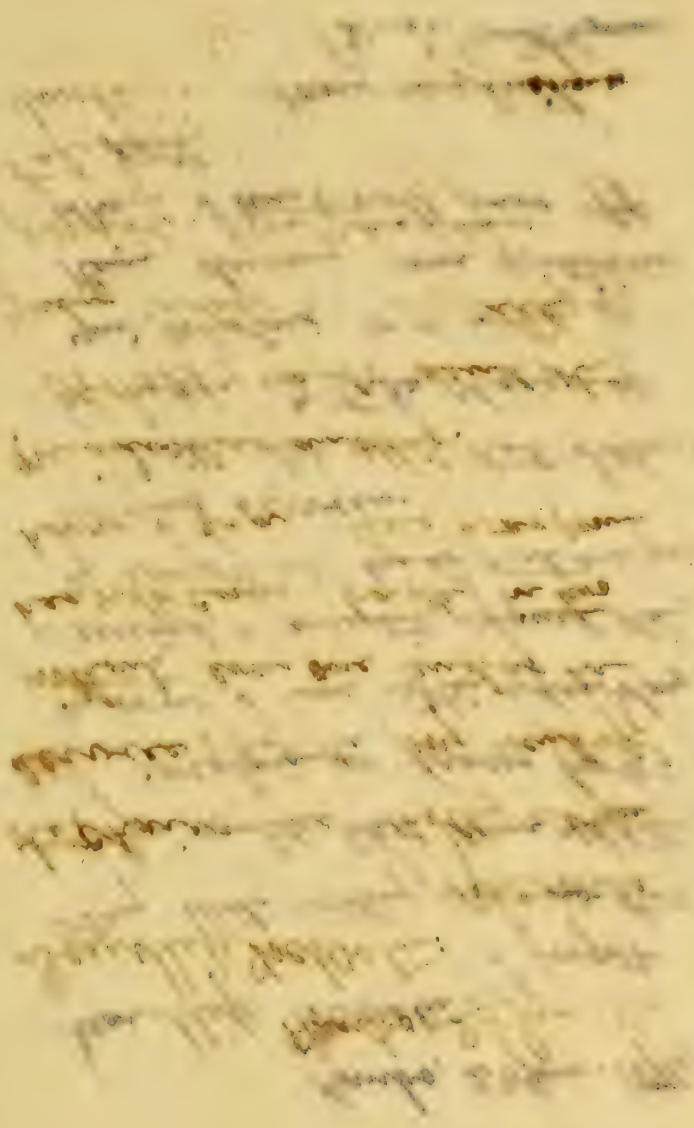
Dear Miss Fehwalt:

I forgot in my note writing just now that if you would like some additional porcelain & saucers for to-morrow I have within a few days received a quantity of such things of almost all kinds & at your [illegible] service.

I will also add that I shall be happy to take charge of your children or a portion of them during your festivities which I trust will pass off happily.

Yours very truly

[illegible]



Shiba [illegible]

[illegible] settlement,
[illegible] Yokohama.

[illegible]:
The bearer of this
[illegible] two [illegible]
[illegible]. If you will
kindly [illegible] them [illegible]
them in [illegible] first sailing
vessel for my uncle Mr. E. H.
R[illegible] New York; or if
it be [illegible] send them to, will
please [illegible] another
[illegible] greatly [illegible]

[illegible] truly

[illegible]

4

Shiba 30 Jun. 1874.

To the Honble K. Kuroda,

Kaitakuji kumwan.

Sir.

Hearing that Dr. Antisell's term of service in the Kaitakushi has already closed and that the dwelling is therefore again at your disposal, I beg for the privilege of moving into it myself, if upon inspection it may seem to me desirable.

I have the honor to be

Sir

Your most obedient servant

Benj. Smith Lyman.

Berlin, 30 Jan. 19[illegible]

[illegible] L. Kurella

Hochgeehrter Herr Professor!

Herzlich Dank für Ihre Karte und Ihr freundliches Interesse. Ich werde Ihnen gern Gelegenheit geben, mich in meinem Atelier zu sprechen. Ich bin Montag, Dienstag, Donnerstag und Freitag Vormittag von 11 bis 1 Uhr zu Hause.

Mit vorzüglicher Hochachtung

Ihr ergebener

Max Liebermann

6

[illegible], Phila., Feb. [illegible]

[illegible]

No. 13 [illegible]

Gentlemen:

[illegible] you many thanks for the statement of our a[illegible] received on Saturday [illegible] its duplicate returned to-day. We [illegible] quite right with the exception that [illegible] for postage and very likely other items [illegible] but together must amount to something [illegible] have been omitted; as well as [illegible] the value of $1.68 [illegible] by me to [illegible] [illegible] weeks ago which they [illegible] have presented before [illegible].

[illegible] you once more for your [illegible]

Remain

Yours [illegible]

[illegible]

Chiba, 6 Feb. 1874.

Dear Mr. Tatow:

My friend Mr. Richardson of China is going to stay with me to-night on his way there from America; and I wish to show him a little Japanese music at some tea house. If you would kindly tell me of that place in Shinagawa where those good singers resort I should be very much obliged; and if you would go there with us you would still increase the obligation. If you can go, please come and dine with [illegible] [illegible] [illegible] also. In that case [illegible] send word, if necessary, to [illegible] house to engage [illegible] us; and a dam[illegible]

Yours very [illegible]

Hambo; 8 Feb. 1874.

[illegible]

On visiting the Carpenter at length [illegible] [illegible] with the [illegible] he has [illegible] in [illegible], I learned that he would make the window caps of the enclosed plan for no less than six dollars a piece. He said the two already made were at the painter's and would be done by [illegible] tomorrow.

With great regret at having obtained this information so late and at not being able then to find you at home to tell you I remain [illegible]

[illegible]

Hamburg, 11 Feb. 1874.

Sept. [illegible] 17 Feb. [illegible]

[illegible] Esq.

[illegible]

Sir

I have to acknowledge with many thanks your [illegible] of [illegible] of this month [illegible] [illegible] from the [illegible] in the [illegible] and asking for an estimate of their [illegible]. I send herewith a list of the things [illegible] by [illegible] my servants and an estimate of [illegible] value. [illegible] regard to my other losses, chiefly [illegible] [illegible] set of [illegible] [illegible] and [illegible] [illegible] books (especially their binding [illegible] their pages) I beg to propose: 1° that the [illegible] set [illegible] exchanged for the [illegible] [illegible] injured one owned by the [illegible] [illegible] [illegible] of rebinding or replacing the [illegible] [illegible] damaged volumes at an expense not [illegible] very [illegible] this one try [illegible] [illegible] [illegible] to me [illegible] [illegible] immediately print my Prelimi[illegible] [illegible] in English, and give me [illegible] or two [illegible] [illegible] to distribute.

The cost [illegible] would perhaps [illegible] less than that [illegible] repairing the [illegible] at any rate as the [illegible] [illegible] [illegible]

to the Kaitakushi as well as to myself, all chance of disagreement as to the exact adjustment of the damages would be avoided. The publication to the world of even an imperfect report on the geology of Yesso would do credit to the department in the estimation of learned men everywhere, and increase their willingness to enter its service if asked to do so at some future time. Moreover such a publication of reports is one of the strongest incentives to good and [illegible] work; for it in effect turns the most [illegible] judges of such work all over the world into government censors with power to reward by a most valuable reputation based on their approval or punish severely by their condemnation.

If the Kaitakushi should seem clearly to have the advantage over me in the arrangement proposed, the balance might be restored by printing further [illegible] of mine.

Hoping that the plan may meet your approval and be speedily carried out, I have the honor to remain,

Sir,

Your most obedient servant

Benj. Smith Lyman.

Shiba 25 Feb. 874

[illegible]

Mr. A. W. [illegible], an American who [illegible] to return home by the steamer of the 23rd of this month, has a transit, a level, a hundred [illegible] chain, a [illegible] several extra bubbles, [illegible] [illegible] all of which [illegible] to sell for [illegible] hundred dollars. [illegible] [illegible] the transit in Philadelphia [illegible] [illegible] [illegible] [illegible], [illegible] of the [illegible] [illegible]; [illegible] he paid $30 [illegible] carriage [illegible] [illegible] to San Francisco, that he paid [illegible] and that the remaining part of the 500 [illegible] [illegible] them across the Pacific. He [illegible] [illegible] in the very best condition, and [illegible] [illegible] him in San Francisco, if he should take [illegible] the [illegible] of the transit [illegible] [illegible] [illegible] to me as the best ever [illegible] [illegible] [illegible] that [illegible]

should use the transit; and though there is at present no need for the level and chain in my work, yet they would doubtless be useful to the department at some future time if much surveying and town building is to be done in Hokkaido. Mr. [illegible] is unwilling to sell less than the whole lot; and, as he is going to start so soon, needs an answer at the earliest possible moment. The price of the instruments as paid by him in Philadelphia

[illegible] reasonable enough; and though the cost of [illegible] seems to have been high, it is perhaps [illegible] than [illegible] would have to be paid in [illegible] of freight[?] on new instruments, to say nothing of the risk of injuries to them on the way.

[illegible] [illegible] to remain

Sir,

Your most obedient servant

Benj. Smith Lyman.

[illegible]; [illegible]

My dear Sanborn:

It is shameful I have left unanswered so long your [illegible] and most welcome letter of the second of last February [illegible] [illegible] just [illegible] months ago. [illegible] [illegible] [illegible] [illegible] with in regard to letter writing. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] I [illegible] [illegible] of the [illegible] of [illegible] occasional [illegible] [illegible] letters [illegible] [illegible] [illegible]. [illegible] will [illegible] [illegible] [illegible] neglecting [illegible] [illegible] that [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. The greatest [illegible] [illegible] [illegible] [illegible] [illegible] in the [illegible] lack of many letters from you, and you have no doubt [illegible] [illegible] [illegible] [illegible] [illegible] of [illegible] me in [illegible] [illegible] [illegible] [illegible] [illegible] all the [illegible] and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] little [illegible] [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in regard to my [illegible] [illegible] [illegible] [illegible], [illegible] and [illegible] [illegible]; I beg to [illegible] my [illegible] that [illegible] [illegible] [illegible] me a [illegible] for which there is no corresponding [illegible] [illegible] [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]; also [illegible] [illegible] [illegible] I [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] of [illegible] and the [illegible] [illegible] [illegible] in [illegible] here.

As for [illegible] [illegible] I have [illegible] [illegible] one or two [illegible] [illegible], and [illegible] [illegible] [illegible]. [illegible] has not been [illegible] [illegible] [illegible] [illegible]. Perhaps the connection between such objects and the [illegible] [illegible] of the house [illegible] or [illegible] girls may seem [illegible] [illegible] [illegible] if not so highly [illegible] as the [illegible] [illegible] [illegible] [illegible] greater [illegible] in the [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible]

Shiba, 21 Feb. 1874.

Dear Mr. Satow:

Genl. Capron
is going to have a party chiefly
of Japanese gentlemen to take
tiffin with him at one o'clock
to-day to meet Mr. Bingham
the American minister, and
wishes me to ask you &c
to and act as interpreter.
Hoping you will find it conve-
nient to join so agreeable
party, I remain

Yours very truly
[illegible]

Shiba, Yedo; 23 Feb. 1874.

Hon. John A. Bingham,

Grand Hotel, Yokohama.

Dear Sir:

You showed such interest on Saturday in news from the seat of war that Mr. [illegible] offers me to tell you that a telegram came yesterday from Mr. Okubo to this effect: "A battle was begun at [illegible] at seven o'clock that morning (Sunday); the rebels were wholly defeated, and overthrown like weak grass by a hurricane; the government troops were [illegible] and enter the castle of Saga today."

Knowing that you will be gratified to learn this good news I remain,

Sir,

Very truly yours,

Benj. Smith Lyman

Yedo; 23 Feb. 187[illegible]

Dear Mary:

Your two very good and welcome letters of the [illegible] and twenty second of December came to hand on the [illegible] of February; both together because there has been but one [illegible] either way each month of late. There is now a [illegible] [illegible] mail steamer the coming month to America as well as from it. The last was the Alaska, in which I crossed [illegible] [illegible] last year, but this time she was [illegible] three or four days longer, namely thirty five and we were all very anxious [illegible]. By her came Mr. Richardson [illegible] [illegible] [illegible] Ellen [illegible] and he came up to Yedo and [illegible] with me. Mr. [illegible] came up with him in [illegible] [illegible] of the [illegible] [illegible] [illegible] [illegible] [illegible] I was [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] with Mr. Richardson [illegible] [illegible] [illegible] as he had never before [illegible] in Japan [illegible] to go home [illegible] [illegible] [illegible]. [illegible] [illegible] interpreter [illegible] [illegible] [illegible], a couple of singing girls and a couple of [illegible] [illegible] a house and [illegible] [illegible] done with us [illegible] and about nine or later we [illegible] in Japanese for the preparation of which [illegible] [illegible] and [illegible] cook had called in the aid of [illegible] [illegible] [illegible] gastronomer. Then we were [illegible] pulled [illegible] to the tea house some two miles off at [illegible] just this side of the [illegible], and close by the grave yard of the Forty seven Ronins (if you have any [illegible] [illegible] Tales of Old Japan). There our [illegible] and dancers were waiting for us and had been doing so for three hours or so; [illegible] the music soon began. The musicians sang song [illegible] they played at the same time a sort of three stringed banjo called the samisen, the favorite instrument here. The two little dancing girls about a dozen years old, one of them with a very pretty face danced to the same music. [illegible] [illegible] dancing this is not at all what we call by that name [illegible] rather a pantomime illustrating the words of the song [illegible] [illegible] are very [illegible], but are [illegible] [illegible] [illegible] [illegible] [illegible] they [illegible] [illegible] [illegible] time to [illegible] [illegible] [illegible]

was on the point of letting the [illegible] go without mentioning the great event of the month, namely the [illegible] marriage on St Valentine's Day, which however was [illegible] of that [illegible], and the grand dancing party that he and his bride-groom gave three days [illegible] at the Kaitakushi. There must have been a hundred guests, two thirds of them gentlemen: Dutch, American, English, [illegible], French, German, Japanese [illegible] [illegible] adjoining the [illegible] was turned [illegible] good dancing room. The guests were invited [illegible] eight days [illegible] half as large as this page) to come at nine; supper was served at twelve; but the party [illegible] I believe about half past one. The marriage [illegible] at [illegible] at the house of the [illegible] Dutch [illegible] uncle, the late Dutch [illegible] a very fine affair with a grand tiffin and a select company. Only [illegible] and Mrs. Capron were [illegible] from the Kaitakushi, and but two or three Americans from Yedo. The only other affair to [illegible] the past month is a dinner or rather tiffin last Saturday at the Capron's to make the American [illegible] Mr. Bingham better acquainted with our chief Japanese [illegible] of the Kaitakushi and also to do honor to Mr. [illegible] who is soon to leave us and go as minister to Russia. [illegible] only other American guest except Mr. [illegible], [illegible] Bingham's young secretary of legation. You would be [illegible] with what consideration your humble correspondent [illegible] [illegible]; and I am now on the very [illegible]. They are going to print my Preliminary Report [illegible] [illegible] my [illegible] by the [illegible] [illegible] of the [illegible]

[illegible]

Yeiba; 27th Feb. 1874.

Dzuoko Hirotake Esq.,
Kaitakushi.

Sir,

In answer to your favor of the 25th of this month asking me to detail Mr. H. [illegible] for [illegible] summer [illegible] in your office, [illegible] say that he is quite at your service. I cannot forbear mentioning that it will be nearly or quite impossible for me to continue the geological and mineralogical lessons to the ten assistants without his help, and I hope that you can spare him during that time in the afternoon. His absence if prolonged will also very much delay the completion of the maps we are now making, and if he is finally to return to geological work, will very much hinder his progress. But if the [illegible] decidedly desires bringing him into such other studies, I shall be sorry to have him go, and I can manage to get along without him.

I have the honor to remain, Sir,

[illegible]

Simba Lobo, &c.

Messrs. Smith, Archer & Co.

No. 13 Shekama.

Gentlemen:

I forgot to mention to Mr. Ray that I wished to Chinaman trade master for clear boots for me and send them by your [illegible] When he does so please tell him that I [illegible] high boots for me, and as I would find [illegible] hunting on [illegible] ground, with double soles and a strong welt all round the edge, but none in the inside like all the [illegible] I am also wanting to take up a [illegible] so leaving it for you to [illegible] Mr. [illegible] Respectfully, Yours truly, [illegible]

Yours truly,

[illegible]

Shiba, 7 March, 187[illegible].

Arai Ikunosuke Esq.

Kaitakushi

I have to beg that the following additional instruments and other things may be procured for the use of the geological survey, partly on account of the increased number of assistants and partly because some of the things provided last year have of course been used up. Some of the last year's things also need repairing.

4 Prismatic compasses @ $25 $100
8 Aneroids @ $24 192
1 Leather case for large aneroid.
12 Level. rods.
50 Bamboo, iron shod, poles.
9 Jacob staves.
16 Pocket compasses.
15 Lenses.
7 Boxes drawing instruments
8 Long rulers.
7 Large triangles.
7 Small triangles.
6 Small drawing tables.
13 [illegible]
12 Ink [illegible]
3 [illegible]

14 Satate.
9 Sudzuribako.
180 Blank note books.
9 Axes.
15 Hatchets.
50 Sickles.
1 Shovel.
1 Pick (or Mattock).
15 Geological hammers.
20 Cold Chisels.
9 Hammer belts.
9 Leather bags.
300 Drawing tacks.
5 Small whetstones.
4 Red chalk pencils

1 Bible.
1 Testament.
1 Hymn Book.
1 Prayer Book.
1 Pocket Knife.
1 Pencil.
1 Pair Scissors.
1 Thimble.
1 Needle Book.
1 Box Needles.
1 Spool Cotton.
1 Piece Darning Needle.
1 Pair Suspenders.
1 Pair Garters.
1 Pair Drawers.
1 Undershirt.
1 Pair Socks.
1 Pair Shoes.
1 Pair Rubbers.
1 Pair Slippers.
1 Pair Overalls.
1 Coat.
1 Vest.
1 Hat.
1 Cap.
1 Handkerchief.
1 Comb.
1 Brush.
1 Razor.
1 Strop.
1 Shaving Brush.
1 Mirror.
1 Pocket Book.
1 Memorandum Book.
1 Lead Pencil.
1 Fountain Pen.
1 Pair Cuff Buttons.
1 Collar Button.
1 Scarf Pin.
1 Watch.
1 Watch Chain.
1 Watch Charm.
1 Knife.
1 Fork.
1 Spoon.
1 Tin Cup.
1 Tin Plate.
1 Bowl.
1 Tin Pail.
1 Frying Pan.
1 Coffee Pot.
1 Tea Pot.
1 Sauce Pan.
1 Dish Pan.
1 Dipper.
1 Wash Basin.
1 Wash Tub.
1 Wash Board.
1 Clothes Line.
1 Clothes Pins.
1 Clothes Bag.
1 Clothes Basket.
1 Clothes Horse.
1 Clothes Rack.
1 Clothes Wringer.
1 Clothes Mangle.
1 Clothes Iron.
1 Clothes Ironing Board.
1 Clothes Ironing Table.
1 Clothes Ironing Chair.
1 Clothes Ironing Stand.
1 Clothes Ironing Bench.
1 Clothes Ironing Rack.
1 Clothes Ironing Machine.
1 Clothes Ironing Press.
1 Clothes Ironing Mangle.
1 Clothes Ironing Wringer.
1 Clothes Ironing Line.
1 Clothes Ironing Pins.
1 Clothes Ironing Bag.
1 Clothes Ironing Basket.
1 Clothes Ironing Horse

20 Cakes blue paint.
20 Cakes red paint.
12 Dozen small pens.
100 Solar paper (hanshi).
20 Clinometers.
7 Watches.

6 Tents (8 ft. square).
17 Paddles.
17 Bridles.
17 Riding whips.
Table furniture & bedding for Mr. Mac-
we and myself.
A few & [illegible] tools for mending.

Repairs are needed for the:

Prismatic compasses.
Jacob staves.
Pocket compass (one glass).
Rulers.
Triangles.
Satate.
Sadzuribako.
Axe handles (three).
Hammer belts.
Transits.
Drawing instruments.

Hoping that these suggestions will find approval with you, I have the honor to remain,

Sir

Your most obedient servant.

Benj. Smith Lyman.

20 tubes blue paint.
20 tubes red paint.
12 tubes brush paint.
100 tubes paper (assorted)
20 blotters.
7 palettes.

6 sets of paper.
12 pencils.
12 pencils.
12 pencils.
12 drawing strips.
Table gummed reinforcing paper.
100 sheets
Opaque reinforcing paper.

Equipment for medical service:

Pneumatic compressor
Percussors.
Pocket perimeter (wedge)
Suture.
Trocar.
Scalpels.
Tendon knife.

Motor test tube supplies will permit collection
of [illegible] stool specimens.

Urine receptacles (sterile)
Specimen containers.

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Yedo; 9 March 187[illegible]

[illegible] Mary!

Hearing unexpectedly this afternoon that there is to be [illegible] for America tomorrow morning I must drop you a line [illegible] thank you for your favors of the sixth and [illegible] [illegible] January which came together five days ago. We are [illegible] to have two steamers a month [illegible] as formerly. Your [illegible] [illegible] in [illegible] [illegible], is very entertaining [illegible] [illegible] I am sorry to find that Foster has stopped writing altogether and [illegible] you think it would not be [illegible] [illegible] correspondence to him [illegible] [illegible] could [illegible] [illegible] to write a line now and then. He [illegible] [illegible] not realize [illegible] much more interest his [illegible] [illegible] writing [illegible] for me than even your account of [illegible], which I am anxious to have also.

The [illegible] [illegible] [illegible] day [illegible] to Mr., now Admiral [illegible] [illegible]
[illegible] tomorrow's steamer for Europe as [illegible]
[illegible] [illegible] He came yesterday for a [illegible] [illegible]
[illegible] He was at the head of the [illegible] [illegible]
[illegible], and Mr. Arai a former fellow rebel of his
[illegible] [illegible]. Six years ago they were the last [illegible]
[illegible] [illegible] and then to the present government [illegible]
held the [illegible] for several months, with [illegible] for
[illegible] admiral [illegible] Arai for chief general. After their
[illegible] [illegible] spared at the intercession of [illegible]
the [illegible] in whose hands they had been placed.
[illegible] say that Gen[illegible] who is high in rank in the [illegible]
[illegible] on his way home from Europe & America to take
[illegible] [illegible] [illegible], as Mr. Arai has already [illegible]
[illegible] the trigonometrical survey) in his hands. Mr. [illegible]
[illegible] farewell party [illegible] [illegible] days ago in the
[illegible] a large tea house, where 150 guests, all Japanese
[illegible] [illegible] down to students were gathered [illegible]
[illegible] [illegible] by each other [illegible] [illegible]. The
[illegible] the males made instrumental music [illegible]
[illegible] half of a thousand [illegible] [illegible]
[illegible]. My [illegible] [illegible]

this afternoon to Yokohama along with others to see the Governor go aboard the steamer. So far [illegible] did not succeed in getting for him an appointment as Secretary of Legation as he desired. —
The chief news today is the burial here this afternoon of the Tanaka one of the highest half dozen officers of the department. He took last July the place of Gov. Matsumoto at Sapporo during Matsumoto's absence, and so I met him [illegible] with me there.
He was a few days ago on his way here from Sapporo and committed hara-kiri to the surprise of everybody; and nobody understands yet the reason why, though it is supp. to be connected with public affairs. My servant Nomura to whom I told this news today said that such things had been very rare — had not happened at all for two or three years but were very common five years ago.
At Otarunai in Yesso the other day the retainer of a man who was accused of some impropriety by another committed suicide and left a writing to assert the innocence of his master; and a friend of the retainer followed his example. Such fidelity is much admired by the Japanese; but it is a bad custom in this respect, that it takes away the men who have some sense of honor and leaves behind those who have none. — About ten days ago Mrs. Murray wife of the chief American in the Educational Department (who came instead of Northrop) had a small American party to see and hear some Japanese dancing and music. There were some performers all of whom danced at different times except two or three. They were apparently selected with chief respect to good looks, as it was said; and they were much admired in that respect, one in particular; but I thought I had seen much handsomer Japanese. The dancing is to me more and more pleasing. It is quite different from our dancing; but is a graceful pantomime keeping time to the music and describing what is in the song. Some of the songs I have translated and found very pretty. Of course there are many conventional signs used in the pantomime, and foreigners understanding neither them nor the words are much puzzled and therefore do not enjoy the dancing especially [illegible] as much as it really deserves. — [illegible]

of the fortnight after all is the discovery here of an old f[illegible]
last Wednesday evening by Mrs. Cafaro's invitation I [illegible]
in there. After dinner to see some company she had [illegible]
at dinner, among them Mr. and Mrs. Gottfrey, English, [illegible]
[illegible] head of the mining Department. He being introduced
to me Mr. Gottfrey was asked by him if I did not remember
among the students
him at Freiberg. I guessed among the English there in my
time, but discovered by his speech that he was not English [illegible]
had been naturalised as such. Then I saw at once
[illegible] my old friend Hochstätter from Darmstadt.
I was at a loss to know how he should be under another
name. He explained afterwards that he had changed his
name from Gottfried Hochstätter to Hochstetter Gottfrey
at the time of his marriage just before coming out here
partly in order to make his name more English and
pronounceable now that he is permanently mixed up as
with the English. He had gone from Freiberg to London, had been
six years in Cuba, one year in America with headquarters
at Boston (that was in 1870 while I was in India, so I never
heard of it) and then a year and a half in England again.
He recalled some of our adventures at the [illegible]
falls we used to go to together, and his wife looked round [illegible]
[illegible] for he had already told her about one. The
next afternoon I went to call on him, but met them both
in the street so he told me to come next day. I did so and
he insisted on my staying to dinner. His wife is a large
good natured ~~[illegible]~~ lady, like (enough) Englishwoman, and they have an
enormous healthy looking boy of fifteen months old. My
friend showed me all over his establishment and we took
a walk together before dinner and we had a great deal [to]
tell each other. He says that Pumpelly with whom he correspon[ded]
has not only married a wife but having made money in his
profession from lands has retired from active geological business.
The day [illegible] on finding these friends had gone out I called on Mrs. [illegible]
[illegible] married [illegible] lady and found had [illegible] been
[illegible] in [illegible] house, nearly two miles from here.

[illegible], Yedo; 11 March [illegible]

My dear Mr. Cruickshank:

Many thanks for your favor of yesterday received this morning; also for the [illegible] book that came the other day. But the right type [illegible] not yet come. The Chinaman is mistaken in saying I gave him directions to get the high ones; I believe I told him that I would give no order for them then, and only made one or two inquiries. I proposed that he should get better instructions and better pidgin English at No. 13, if I should conclude to order them, as I afterwards did.

I have inquired of Mr. Capron about the broom corn seed, and he says he should be happy to furnish it if on inquiry there should prove to be any here. He thinks however that there is none at the farms here, though there is a great plenty at Sapporo. If you could wait long enough for it to come from there, it would be easy to supply you. Search will be made [illegible] for it.

Meanwhile I remain

Yours very truly

Benj. Smith Lyman

Atsuta, Onarimon, Shiba.
17 March, 1874.

J. R. Black Esq.

Dear Sir: Many thanks for the excellent proof which I return herewith corrected. How if the few mistakes had been overlooked in the copy.

I should be very much pleased if the whole could be finished before next Tuesday. Even if that be quite impossible, perhaps you could let me have a copy [illegible] Monday?

Yours very truly,
[illegible]

Dumbo, Cuba: [illegible]

J. K. Wasson Esq.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

He will copy it either in your office or [illegible] [illegible] [illegible] [illegible]

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Kiitakushi, Shiba; 22 March.

W. J. Cruickshank Esq.

My dear Sir

I thank you very much for the boots that came. I found them before yesterday after [illegible]. I am very glad to have the boots and they will be very useful. But, as you say, a still stronger pair would be better for my work. So please order for me such a pair as you think fit.

When your note came I had already reminded the farmer of the corn again and he had made a memorandum to secure his attending to it on his next visit to the farms. But yesterday afternoon was a holiday, and we went up there together and found a great plenty of such seed corn; and I send you half a dozen ears of it herewith.

I may perhaps be in Yokohama Wednesday noon.

Hoping the corn will prove satisfactory in both quality and quantity I remain

Very truly yours,

Benj. [illegible]

[illegible]ba, 24 March, 187[illegible].

To the Honble K. Kuroda;

Kaitakushi [illegible].

Sir:

I beg to suggest the erection now at Yedo of a museum or permanent exhibition of the natural and artificial productions of Hokkaido; a collection of specimens of the minerals, plants, land and water animals, the farm, fishery and seaweed products and also anything that will illustrate the peculiar customs and characteristics of the Ainos or even of the Japanese inhabitants; and if possible also photographs of the scenery with geological or other maps of the country and books that describe it. Such a museum would be highly useful in one part or another to the students of many subjects (as, for example, to our own mineralogical pupils); but it would also be of great service in awakening an interest in such branches of learning as geology, mineralogy, botany, zoology, ethnology, political economy, among the public generally. It would besides be a source of not merely amusement

agreeable but profitable entertainment to them; and doubtless not only raise greatly their estimation of the merits of the Kaitakushi and of Hokkaido, but would increase the reputation of both throughout the civilized world. If I mistake not similar free exhibitions have for many years been maintained at Paris by the corresponding department of the French government (Ministère des colonies) and at London by the Indian branch of the British government.

The Hokkaido part of the general exhibition taken from at Yamashita Gomon would form an excellent beginning or nucleus for the museum, if it could be secured before getting scattered; and large and useful additions to it could easily and rapidly be made. One or two of the fireproof godowns in the compound here at Shiba would be a safe and satisfactory place for the collection until perhaps at some future time it should become so important as to need still larger quarters.

Trusting that you will find the plan here proposed not only feasible but advantageous, I have the honor to remain,

Sir,

Your most obedient servant

Benj. Smith Lyman.

Yedo; 25. [illegible] 37

My dear Father:

As no letter came to me by the last mail from America, it is probable that you were under the impression that the mails were to be only once a ~~[illegible]~~ month instead of once a fortnight as they have begun again. The principal event of the last few days is the arrival in Yedo of Miss Mary Clap's brother and his wife. They are visiting Genl. Williams of the Treasury Department here, whose wife Mr. Clap [illegible] [illegible] ago [illegible] [illegible]. I heard of their being here last Saturday afternoon. [illegible] next afternoon I [illegible] [illegible] [illegible] [illegible] them and expect to see them again [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. They are going [illegible] here to Kioto to see a grand inhabitation[illegible] there, and will come back here again [illegible] those [illegible] leaving Japan for California, but perhaps not before my departure to Yezo. I had not heard of their [illegible] [illegible] here and was therefore much surprised to perceive by description of them that it must be they. They were on the lookout for me and asked Mrs. Capron at a dinner party at the Williams on Friday evening of the [illegible] [illegible] a question which she thought rather singular considering [illegible] relation and one that seemed to indicate that [illegible] [illegible] had a very well posted them. As I had never taken the trouble to call on the Williamses in compliance with an invitation they once gave me to do so, they did not probably feel quite at liberty to ask me to the dinner on Friday, even if they were otherwise disposed to. Mrs. Williams was brought here ~~[illegible]~~ last ~~spring~~ or Summer as his bride whom he had married during his second trip to England to negotiate a loan of ten million dollars for the government here. She is a native of Alabama [illegible] has lived a good part of her hitherto short life in California. She is quite a beauty, a great difference from [illegible] [illegible] a rattling talker. [illegible] [illegible] [illegible]
[illegible]ismatism
[illegible] then before [illegible] day was one day [illegible] [illegible]

Idaho, 25 Nov.

Dear Mrs. Phelps:

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at the Mettrays' early in the winter; and it was then she and her husband asked me to call. Perhaps she did not feel much flattered that I was so insensible to her charms as not to call sooner; but I told her truly that I was a poor hand at making calls. The only time for doing so here is in the afternoon, especially after office hours, three or four o'clock; and to do so then encroaches upon either my little leisure for outside work or upon my hours of exercise (for I walk from five to eight miles as a rule every day after half-past four, come home if possible by half-past six for a Japanese hot bath and dine at seven or later). On Saturday afternoon the Naval School had a grand exhibition of gymnastics and other accomplishments and it was a half-holiday to both [illegible] schools here, and both went there and [illegible] went along with the boys' school. [illegible] seem to have been there too and [illegible] were some four or five thousand ~~[illegible]~~ it is said [illegible] were not going on account of the time not feeling well [illegible] the risk of exposure to cold by sitting or standing [illegible] air or open house; so I gave up the plan of going [illegible] going alone, and proposed going to the [illegible] farms [illegible] first time this year in company with [illegible] to get some seed corn for Smith, Archei [illegible] at Yokohama. While proposing this to him Miss De Ruyter was talking with Mrs. Carman in another room and was giving up the [illegible] school because she had no one to go with. [illegible] went in there for his overcoat the ladies agreed to accompany us to the farms, so as to get some plants [illegible] De Ruyter. The General insisted however that our arrangement must not be broken up and that I should go in the buggy with him while his wife went in a jin-rikisha and Miss De Ruyter in her own. So Mrs. Carpenter's [illegible] mine and [illegible] and an extra man. Miss De Ruyter is pretty heavy and her vehicle uncommonly so, and her two men had a [illegible] pull of it when we came to the country roads and the hills. My jinrikisha is generally admitted to be the [illegible] of the wheel [illegible] and extremely comfortable [illegible] way. [illegible] getting home I

[illegible] of the ~~man~~ a stranger — me how much to pay for the pull of [illegible] miles and back, keeping up with the horses; and he said one dollar. I paid it without being conscious of showing any sign of disapproval, although it did seem to me a little high [illegible] common; and I thought no more about it. Next morning however as I sat at my desk, I was surprised at the entrance of my ^very^ honest faced jinrikisha man, who seldom comes into my ^rooms^ from the kitchen region. He came to me and handed me a quarter of a dollar (a bow) saying that the man's charge the day before [illegible] too large, and [illegible] he [illegible] right [illegible] me [illegible]. I was thunderstruck [illegible] and none [illegible] [illegible] in Japan [illegible] expense and [illegible] not unknown in Japan. He had no special object to [illegible] a contrived display [illegible], for I had some days ago made as he desired [illegible] for his going with me to Yeso as horse boy. The same man showed me with pride soon after New Year's a ^new^ new coat or cape he had had made. I asked what a certain character on the back of it [illegible] meant, and he said it was the initial of my name. He has no great amount of work to do in the way of pulling my carriage, for I walk so much; but sometimes he takes me to or from the railroad and once a week or so to some distant place, as for example the Murrays' more than [illegible] miles away. In case of any great distance he gets ^a runner^ some [illegible] for me to go with him, commonly some honest acquaintance of his. I am delighted to have my name on the back of a man who does it so much credit, and of course I shall take pains not to lose the services of such a man while in Japan. — I had a letter of thanks from Mr. Richardson the other day announcing his safe arrival at Iwate, where he seems [illegible]

Miss [illegible] [illegible] very much.

[illegible] my love to Lizzy and Mary and believe [illegible]

[illegible]

Yedo, Japan; 25 March, [illegible]

Prof. Joseph Henry,
Secretary of the Smithsonian Institution,
Washington, D.C.

Sir:

I am requested by Mr. Kuroda the head of Kaitakushi to order through you the following meteorological instruments, under the impression that [illegible] Institution makes a business of seeing that [illegible] are carefully filled. Seven sets are wanted, [illegible]:

7 Quicksilver barometers,
7 Aneroid barometers,
7 Rain gauges,
7 Anemometers,
7 Thermometers,
7 Heat thermometers self registering,
7 Cold registering cold thermometers,
7 Wet bulb thermometers;

[illegible] of the same the [illegible] four hundred [illegible] dollars ($[illegible]) [illegible] gold [illegible] Japanese Legation [illegible] Washington by the [illegible] this.

[illegible]

equal in merits and cheapness to the [illegible] I am asked to beg you to send also a dozen of [illegible] if that be not quite out of your line. The money for their cost however will be sent by the next [illegible]ican mail instead of this.

I am also asked to add two small [illegible] unmounted theodolites (chiefly for measuring heights) to the things to be bought. If the money sent should not be quite enough, the Legation I am told, will make the deficiency good, and place it on their account.

The instruments are for seven meteorological stations to be established in Hokkaido (Yesso as they call it). If they could conveniently be packed each set separately, it would be very well. Of course unusual care in packing will be needful for so long a journey into such wild regions.

Hoping that I am not troubling you improperly and thanking you in advance for your pains I have the honor to remain,

Sir,

Your most obedient servant,

Benj. Smith Lyman.

Yedo Japan; 25 [illegible]

Professor Joseph Henry
Washington D.C.

My dear Sir

[illegible] have for many months been constantly thinking to drop you a line & thank you once more for the part you took in my being sent out to Japan & to tell you [illegible] [illegible] [illegible] [illegible] of my work. I have from the [illegible] been very kindly treated by the Japanese and [illegible] more so by Gen'l Capron. The prejudices I [illegible] against him when I first started, owing to [illegible] paper lies about him have disappeared on [illegible] well acquainted with him, and I find him [illegible] more [illegible] man than I had supposed. [illegible] assistants were given me last season among [illegible] Japanese, besides Mr Munroe [illegible] [illegible] spent seven months in making geological [illegible] in Southern Yesso. The winters are [illegible] [illegible] of making report writing, [illegible] [illegible] [illegible] and [illegible]. [illegible]

more assistants have been added to our force this winter, we expect to set out for Yesso again about the end of April, as we did last year. The snow lies so late there and work is not worth while to start earlier. I hope to be able to send you by the next mail a short general report on the Coal Seams etc., which the Kaitakushi is getting printed in English as well as Japanese.

General and Mrs Capron are both well and often speak of you and your family. Hoping that you are all in good health, I remain

My dear Sir,

Very truly yours

Benj. Smith Lyman.

[illegible] 25 March 1874.

To the Honble the [illegible],
Kaitakushi [illegible]

Sir:

We were talking the other day of ordering half a dozen chronometers from abroad for stations in Yesso. I have since then learned that Negus of New York manufactures them as good and as cheap as the British. I therefore recommend that they be ordered of him rather than in England. I understand that the cost will be something like $200 or $250 for good ships chronometers.

I have the honor to be,

Sir,

Your most obedient servant

Benj. Smith Lyman.

Hamb: 26 March 1874

Dear Mr. Yatow:

Herewith I send the letter of the Chronometers, addressed to Mr. Kowalsky, as Mr. Dzusko is absent. Please see that it is rightly written before sending it. I found by inquiry yesterday that good ship chronometers were dearer than I had supposed. If it is desired for that reason to countermand the order for seven that I sent yesterday, it is not too late to do so; for the mail does not close after all until tomorrow morning. But in that case please have the matter attended to at once and let me know this afternoon.

Yours very truly,

Benj. Smith Lyman

[illegible] 27 March,

His Excy [H.] K. Kuroda,

Kai taku Chokan.

Sir:

Some weeks ago I had the honor of applying through Mr. Dzusho for leave to [take] Dr. [Antisell's] present house as soon as it should be vacated, and received a verbal answer that I could do so. As I have now learned that the Doctor has everything packed up with the expectation of moving out by the last day of this month, and as I am very impatient to move in at the earliest moment possible, I beg to be informed positively whether I can do so at once.

Trusting that there will be no obstacle in the way of doing so, I have the honor [to be]

Sir,

Your most obedient [servant]

Benj. Smith Lyman

Phila. 2 March 1874.

[illegible]:

I hear that although Dr. Antisell has everything all packed up ready to move out by the end of the month, yet there is some talk of his department's having his [illegible] of the [illegible] for [illegible] until a certain new house is ready for him so as to [illegible] him [illegible] [illegible] you could however [illegible] for him to move into at once. As such an arrangement would interfere seriously with my plans I beg that you will put in a word in my behalf if possible, and of course there is now no time to be lost. I have just sent a line to Mr. [illegible] mentioning my impatience to move in and asking for positive permission to do so right away, but perhaps you can help the matter forward a little. — I am so ungrateful as even to think that your success in hurrying up a certain other matter lately has not been very brilliant; but you may yet be able to make up for past delays and redeem your reputation. General [illegible] returned here before yesterday it seems and I met him yesterday in the corridor and am much pleased with his appearance. — Hoping that your illness is not a serious one and that you will not fail to [illegible] the latest news immediately on your [illegible] to Washington, I remain

Yours very truly,

[illegible] Smith

[illegible], [illegible] '74.

Mrs Beukema.
Dear Madam:

The carpenter told me Saturday that the top would be mended and required ten or fifteen days, and done as neatly and well as circumstances would admit. Was I right in telling him to make the [illegible] woodwork [illegible] and the raised [illegible] of about the same color it is now?

If you wish to make further inquiries about the matter, or see the nice little opera glass I have, just invite me on any [illegible]

Yours very truly
[illegible]

[illegible], 1 April, 1[illegible]

My dear Mr. Satow:

[illegible] will give Hilachi a little good [illegible] & cause [illegible] to your house. I am [illegible] that [illegible] in [illegible] and that you [illegible] [illegible] before I could [illegible] [illegible] [illegible] in my mind [illegible] [illegible] but [illegible] like to have [illegible] in mind as soon as business [illegible].

[illegible] yesterday [illegible] [illegible] well [illegible] in our laboratory here [illegible] the summer in making assays and analyses of [illegible] that will be of great scientific interest and give him good experience even if they should not be of immediate pecuniary value.

2d. Mr. Misawa seems bodily rather unfit for the fatigues and exposure of field work and seems to me very well suited to stay here and take care of our museum. He could be occupied at least a part of the time in writing labels to the specimens in his neat hand; in setting them in order; in receiving and unpacking [illegible] we may send from [illegible]; in making [illegible] [illegible] [illegible] time that I would like to [illegible] in [illegible] [illegible]

and in taking regular exercise for the improvement of his health. Do you not think he could already be trusted to do such work alone without too great risk of his becoming indolent, especially if requiring from him a daily account of his doings? He seems to be very careful and very honest. The main thing about the collection is that the specimens should never by any possibility become separated from their labels.

3° It has occurred to me that the Kaitakushi might perhaps with profit employ Adachi as a copyist of both English and Japanese. It would save much of your more valuable time if he should make the finished copy of your translations into English, so that you would only need to make the rough draft. Besides that, it would be business-like for the Kaitakushi to keep copies of all its letters to its foreign employees; and in that case you or Mr. Yamauchi would only need to write the rough draft (say in a book for the purpose) and then let Adachi copy it. Strictly too (in my opinion) such letters should be in Japanese as well as translated; and that would require still more copying. Perhaps still other Japanese copying, if not English, could be found to keep him busy all the time.

Hoping that I am not giving you too much trouble, I remain,

Yours very truly,

Benj. Smith Lyman.

Hilo, 26 April 1841.

J. [illegible] Esq.

Lahainaluna.

Sir: In view of the immediate establishment of a [illegible] of the natural and artificial productions of the [illegible] the specimens has been [illegible] place in my charge. [illegible] my [illegible] [illegible] [illegible] [illegible] specimens and occupy himself [illegible] care of [illegible] collection. [illegible] [illegible] [illegible] and [illegible] specimens [illegible] already [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] to give [illegible] [illegible] good [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

careful, and [illegible] such a man [illegible] the care of the specimens. If [illegible] of the [illegible] that they should [illegible] any possibility become separated from their [illegible] of the [illegible] should become [illegible] it would throw a doubt upon them [illegible] the value of the collection. I [illegible] that he have under his [illegible] power and [illegible] as not to [illegible] of [illegible].

Hoping that this [illegible]

[illegible]

[illegible] respectfully,

Benj. [illegible]

Wailuku [illegible] April [illegible]

[illegible] Esq.
Kaluaaha [illegible]

Sir:
I take the liberty of asking that Mr. [illegible] Jerome, lately employed as manager and [illegible] under my friend Mr. [illegible] who is just now returning home & [illegible], be employed in the same capacity by the [illegible] in charge of [illegible] as assistant, [illegible] may [illegible] him [illegible] [illegible] of [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] with [illegible] [illegible] [illegible] [illegible] that I am [illegible] [illegible] him to be one of the very best of [illegible] [illegible], and [illegible] [illegible] work would be very [illegible] with perhaps a little oversight from him. [illegible] [illegible] he is [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] I am [illegible] [illegible] [illegible] [illegible] [illegible]. I would give him [illegible] [illegible] [illegible] [illegible] [illegible] to [illegible] [illegible] [illegible] [illegible] they [illegible] not only give him [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

Tokio, [illegible] April, 187[illegible].

[illegible] Esq.,
Kaitakushi,

Sir:
I venture to ask that Mr. [illegible] [illegible] may [illegible] a student assistant with my friend Mr. [illegible] the geologist, who is just now preparing to [illegible] to [illegible] into the [illegible] for the [illegible] [illegible]

[illegible]

[illegible] very high [illegible] by [illegible], and [illegible] with [illegible] and for his last years experience with Mr. [illegible] very well fitted to join our party. If any present assistant of Mr. [illegible] should be left here for the necessary, as proposed in another letter today, the number and expense of our travelling assistants [illegible] will not be increased beyond our former plans.

Hoping that you may feel able to grant this request, I have the honor to remain,

Sir,

Your most obedient servant,

Benj. Smith Lyman

[illegible] 28 April, [illegible]

A. [illegible] Esq
[illegible]

Sir: I beg to recommend for employment as interpreter by the [illegible], [illegible], who has for nearly a year past been [illegible] with my friend Mr. [illegible], [illegible], [illegible] going home. Mr. [illegible] has found him a most satisfactory interpreter [illegible] [illegible] either at serious work or on [illegible] [illegible] [illegible] doing, and is very desirous that he should find good employment. My own acquaintance with Mr. [illegible] is very slight, but he has made a very pleasing impression. He has been two years in America, led there by a desire to learn something about agriculture, and learned to talk English very well.

Hoping that some place may be found for so worthy a young man in the Department, I have the honor to remain

Yours most obediently
[illegible]

Phila; 2 April, [illegible]

[illegible] Esq.
[illegible]

Sir
I beg to suggest that the [illegible] should employ as copyist [illegible] in each [illegible] he has [illegible] capacity and will have the advantage on account of my departure for Greece. He writes a pretty good and very legible English hand, and copies English with tolerable accuracy. He has moreover a little knowledge of French which might now and then prove useful in copying for the [illegible]. He is about twenty or twenty one years old, the son of a Physician of [illegible] [illegible] of the Prince's great services [illegible] but [illegible] in [illegible] I know him [illegible] commonly honest and gentlemanly in character. [illegible] particular [illegible]
I beg to [illegible] for a year or more.
[illegible]
[illegible]

[illegible]

Hourhn, 4 April [illegible]

Mrs. Beekman:

I forgot to say to-day that the carpenter could not replace the hinges of that top with silver, nor [illegible] opened [illegible] in [illegible]. Would you like to [illegible] or would you [illegible] the [illegible] thing [illegible] [illegible] [illegible]

Would there be any use in my [illegible] for that [illegible] this evening?

Yours very truly,

[illegible]

[illegible] 1879.

[illegible]

[illegible]

[illegible] in the [illegible]

[illegible]

[illegible]

[illegible]

RG

Tulsa 1 April 1874.

Kioto[illegible], [illegible] 77.

To the Hon.ble K. Kuroda,

Kaitakushikuwan.

Sir

I have to acknowledge with many thanks your favor of 31st March last [illegible] authorizing me to [illegible] the [illegible] of a [illegible] [illegible] [illegible] of [illegible], and placing the [illegible] [illegible] in the school yard at my [illegible]. [illegible] [illegible] [illegible] I [illegible] the [illegible] are [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] for the purpose [illegible] [illegible] [illegible] [illegible] all [illegible] will be required.

1st A good sized door in the end [illegible] the [illegible] [illegible] [illegible] to the gatekeepers lodge would be very desirable and I think easily made.

2d One or two large skylights in the roof would be the best and cheapest means of lighting the building [illegible], and would leave the walls free for use in the display of specimens. The skylights should [illegible] be so made as not to make the building [illegible] [illegible].

3d The rough partition that now divides the building [illegible] two parts would better be removed, making [illegible] [illegible] room.

4th [illegible] would be very important to [illegible] [illegible] [illegible] floor [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] to be [illegible] of [illegible] [illegible] [illegible]

[illegible] [illegible]

5th. The walls and inside of the roof will only need cleaning and whitening, say with whitewash.

6th. Some long flat tables with glazed cases upon them and two rows of drawers below according to plan which I will furnish would be very good for the mining

7th. The present rather crowded by [illegible] things we can make a good beginning with the collection; and [illegible] with hurrying to find something [illegible] [illegible] time. Before leaving [illegible] [illegible] I have the honor to remain,

Sir,

Your most obedient servant,

Benj. Smith Lyman.

[illegible], 4 [illegible]

My dear [illegible]:

If you could let me have that [illegible] on [illegible] as you pass on your way to the Theatre, [illegible] to yourself [illegible] making [illegible] for me you would greatly oblige me. [illegible] the regulation of the [illegible] are [illegible] [illegible] [illegible] require very great ability in writing on the [illegible] [illegible] in [illegible] [illegible] of the [illegible] and [illegible] [illegible] as the [illegible] change of management [illegible] [illegible] as the [illegible] is already [illegible] for other [illegible] in the public [illegible]. This the [illegible] [illegible] for [illegible] disregarding the rights of individuals that make foreigners cling so tenaciously to their [illegible] rights, and many would be glad to have [illegible] proof of their [illegible] [illegible]

Yours very truly,

[illegible]

Yedo, 6 April, 18[illegible].

Dear Mary: Your welcome favor of the fifth of February did not come to hand until nine days ago, having missed a mail at San Francisco probably, on account of the snow in the mountains perhaps; snow however is a sort of delicacy that is very apt to be forgotten here, where so little [illegible] especially this year. There were in the whole winter but two storms when the ground was whitened with snow and even then the coating was very thin and quickly disappeared. As to rain [illegible] had some [illegible] falling [illegible] while [illegible] a [illegible] in February. Genl. Capron was remarking the other day that the [illegible] in spite of the open winter was no more advanced than he would be at the same time in Virginia. This is called here the Cherry season because the Cherry trees have begun to bloom. The Cherry trees here are cultivated almost solely on account of their flowers and these are much larger and finer than what our trees have. The petals are very long and large and in the cultivated trees are often very finely double. At Uyeno (a sort of park where a large temple used to be until [illegible] corresponding to Shiba here at the [illegible] end of the city) there are many cherry trees of an early kind which they are said to be now finely in bloom, and the Japanese and foreigners too, resort there in great numbers, the tea houses there are crowded, the streets full and [illegible] soldiers numerous [illegible] [illegible] a Japanese holiday [illegible] day) as well as Good Friday; and [illegible] I walked for the sake of a little exercise [illegible] miles and back, hoping to see the cherry [illegible] but they were only just beginning [illegible]

This Mukojima is on the far bank of the big river, Sumida River, in the upper edge of the city, and the road along the river bank there is lined with Cherry trees for a mile or two and in the height of the season it is a magnificent sight. I stopped to rest at the plum garden there. Shrunk and I [illegible] last year two or three weeks earlier when the plum trees were in bloom. On Friday they were already out of blossom, but there were other flowers and a few cherry blossoms. There are many plum trees here and there through the city that are still in bloom and look very fine. The plum blossoms also are much larger and finer than ours, often of a darker pink. Then there are, along with the cherries, peach blossoms of a dark red and of enormous size, and some fine pear and quince blossoms; all these chiefly for the flowers. Yesterday, Sunday, after for a little more exercise I walked about eleven miles again. First to Ikegami a temple and village nearly halfway from here to Yokohama, and afterwards from there to Kawasaki a station beyond, on the [illegible] there back by train to Yedo and from the station home on foot. The temple or group of two or three temples at Ikegami are on top of a hill up which you mount by about a hundred stone steps. The grounds are spacious and the buildings large, all wooden, and adorned outside and inside with a few paintings; but the most attractive feature is the grove of large trees, and there is a small glimpse of a fine view at one point. The place is sometimes used for picnics, I believe. The village is at the foot of the hill and has one or two large tea houses, and in particular. One I rested awhile and astonished the tea girls by the quantity of thin weak tea that I drank in my thirst. The number of waiting girls seemed to be unusually large, and some were rather good looking; but the great beauty of [illegible] did not show herself to me until just as I was leaving and then probably to make my return there more probable. I was all very much interested in looking at one [illegible]

evening ~~and~~ that stopped a while to think ... [illegible] as I asked them to give me the words of some favorite song but instead of that they dictated a quantity of nonsense and a list of the names of the thirty odd women that lived in the house. These names are I believe many of them taken by the girls themselves or given to them at the time of their going to service and are often quite sentimental. These for example were: Metal (if I understand it rightly), Butterfly, Wisteria, [illegible], Gold, Plum, Harvest, [illegible], Spring, Gale, Song, Money, [illegible], Chrysanthemum, Flower, Rush, Brilliant, [illegible], [illegible], Rice plant, Hillock, Little Jewel, Little Fairy, Jewel, Honey, besides some others that I do not quite understand, and some of these are perhaps wrongly translated as the same word has very different meanings and it is not very clear which is the right one without some context. These numerous inmates of a house include the road or heads of the house, the waiting girls and small servant girls and two singing girls who were not there yesterday afternoon. The waiting girls are about sixteen or seventeen years old but seeming older. They always wish to know where you live, what your name is, how old you are and what country you come from. I always let them guess my age and they seldom make within a dozen years of it, yesterday 25 was guessed. At another place one day 20 was guessed and when I laughed at them they came up to [illegible] only. But I don't in all respects look quite so young as that.

There is to be a grand party here at the Kaitakusha tomorrow evening at the Days' partly or wholly in honor of Mr. Wasson's departure the next day for the seat of war in Formosa. He was transferred by his own consent at the beginning of this month to the service of the War Department, and he is very much pleased, as he is by every point education a military [illegible] ... [illegible] ... fighting against people with whom [illegible] government is at peace, but in some way the devil is [illegible] ... and he goes I believe in a civil capacity [illegible] but not orders. As only one or two regiments, it is said, are going to be sent, the affair is not very enormous. [illegible] Cassel, of our Navy goes also in some capacity [illegible] ... [illegible]

[illegible] [illegible], [illegible]; 6 April,
1874.

Dear Mr. Hurlbut:

Many thanks for your note of yesterday and [illegible] [illegible] [illegible] [illegible] me in your trip to America. I don't [illegible] [illegible] worth troubling you about except to give my love to Uncle Edward and his family. Tell him of my good health and of what I am now well [illegible]. Please give the general [illegible] [illegible] of my principal business transactions with your house. Hoping you will have a [illegible] and pleasant passage and [illegible] agreeable visit I am [illegible]

Sincerely yours,
[illegible]

BU

Shiba 7 April 1874.

T. Arai Esq.,
Kaitakushi.

Sir:

I beg to inquire whether any decision has yet been come to in the cases of Messrs. Inouye [illegible] and Magai about whom I wrote to you some days ago.

Hoping that you will not think me too impatient, I have the honor to remain,

Sir,
Your most obedient servant,
Benj. Smith Lyman.

(1)

Kaitakushi, Shiba, Yedo; Feb. [illegible]

C. D. Moss,
Manager, Japan Gazette Office.
Yokohama.

Dear Sir:

I have to thank you for your favor of day before yesterday and the last proof; and also I return the same portion of the pamphlet with a few small corrections and the table of contents with the pages filled out.

I am quite disappointed at the price you name for the three hundred copies already printed; for Mr. Black himself said at the outset that they would cost "as near as may be to one hundred dollars, rather less than more." Still, it is well to know what to expect in future, if there should be more such work to be done.

Yours very truly,
Benj. Smith Lyman.

[illegible] Shiba [illegible], 11 April [illegible]

[illegible] [illegible]
[illegible] Japan Gazette Office,
No. 83 Yokohama.

Dear Sir:

In answer to your favor of day before yesterday, I am willing to order the extra fifty copies decently printed. From the price you name and the fact that Mr. Black said that extra copies would not exceed more than the mere paper, it is to be inferred that even indifferent paper is not quite as cheap as dirt in Japan.

I send still a few more corrections to be made in the last proof. If you cannot possibly put in a plus-or-minus mark (±), please put in a star with a note ~~[illegible]~~ may at the beginning of the table, as to [illegible] [illegible] is given in degrees centigrade; a star means a [illegible] [illegible] declination; a question mark a rougher one) — but if you put in the sign ± there is no need to bother about a note.

Yours very truly,

[illegible]

Shiba: 13 April, 1874.

H. Dzusho Esq.
Kaitakushi.

Sir,
As I have been informed this morning that you never received my letter of the [illegible] of the month of May, my communication in [illegible] of Mr. Takatsuna, I beg to send you on the other side of this a copy of it.

Regretting that there should have been such apparent neglect on my part, I have the honor to remain,

Sir,
Your most obedient servant,
Benj. Smith Lyman.

[illegible], 12 April, 1874.

To the Honble K. Kuroda,

Kaitakushi Chokwan.

Sir:

Being aware that you have the good fame of [illegible] Kaitakushi [illegible] schools and being moreover [illegible] [illegible] personally not unappreciative of the enlightened policy you are following in adopting & establishing schools for both sexes in the department, I make bold to offer in regard to them one suggestion for their still further improvement.

As I have been informed, no pupil of either of these schools can be released (except on occasion of sickness) from a service of many years to the department, a service extending generally far beyond the age of twenty one. Does it not seem oppressive and unworthy of an enlightened government such as that of Japan and particularly of Hokkaido's, desirous to be, that [illegible] it is enabled so absolutely to control the life of these children long after these have passed the age of discretion? In foreign countries

apprentices cannot be bound out beyond the age of twenty one, and in any case their own consent must be had as well as that of their parents or guardians. There is no better sign of enlightenment in a government than a jealous regard for the personal liberty of the individual; and the known existence of it in Japan would do more than anything to [illegible] the abolition of the extraterritorial rights for foreigners.

Moreover in regard to schools it is especially becoming in governments to show that generosity which has always been so justly admired in ~~[illegible]~~ Americans and Frenchmen have no more [illegible] cause for pride than the free schools for children. [illegible] ~~[illegible]~~ for teachers in America and the [illegible] professional schools in France. In the normal schools, for example, of my native state, Massachusetts, there is required merely an understanding that the pupil should after instruction teach, for pay of course, for some time, at least one quarter some school in the State; but even that is not being [illegible] insisted.

Perhaps as a military man generally [illegible] would [illegible] compare the Institution with other foreign military and naval academies where the graduate is expected to remain in the service of his country. But even in such cases in Germany that expectation arises only from the probable desire of the graduate, and in the absence of such desire, a resignation is accepted with perhaps never an exception.

In the desire to remain in the service of the [illegible] which the other institution is not likely to be [illegible] strong; [illegible] means [illegible] the [illegible] of selecting the particular [illegible] in case of [illegible] [illegible]. Even if this privilege should not [illegible] be accepted, the Institution would [illegible] [illegible] and would require [illegible] nothing. [illegible] the [illegible] such liberality would undoubtedly [illegible] enlarge the number from whom pupils could be selected, and so indirectly as well as directly raise the merits and reputation of the Institution. Some [illegible] the way that the Institution [illegible] had certainly been [illegible] that [illegible] in [illegible] [illegible] the [illegible] the condition [illegible] necessarily be.

[illegible] [illegible] [illegible] you will [illegible]

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adopted until in the affairs of the Kaitakushi at least Japan compares favorably for justice and even generosity with the most enlightened countries of the world, I have the honor to remain,

Sir,

Your most obedient servant,

Benj. Smith Lyman.

[illegible]; 15 April, 1874.

My dear Mr. Satow:

If my assistance is needed in the purchase of those watches, perhaps this Wednesday afternoon would be as good a time as any to buy them.

Come and see me at any rate this morning and if possible bring the paper with you.

Yours very truly,

Benj. Smith Lyman

[illegible] [illegible]

To the Honorable [illegible].

Gentlemen:

I have the gravest complaints [illegible] [illegible] [illegible] [illegible] and must [illegible] [illegible] his dismissal from [illegible] present responsible post.

1° He has most wastefully expended the balance of [illegible] millions of rios in three years (I am told) the money appropriated for the improvement of Hokkaido, with so little to show therefor as to make it clear that he has either connived at robbing the government or that he has through intellectual incapacity been unable to prevent it. He has, for example, in the building of a single road allowed about half a million dollars to be stolen outright, twice as much as by a liberal estimate would have built the road. Many costly and probably useless engineering works have been carried out [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] has been seriously [illegible] [illegible]

with such wholesale robberies. On the contrary we at least of the chief managers of such works is well known to be a favorite of his. It is perfectly plain to all [illegible] that he is either a knave or a fool; and in either case [illegible] wholly unfit to act as the head of [illegible] department.

2d By an oppressive regulation [illegible] maintaining the rights of the [illegible] [illegible] who are bound to serve the Department [illegible] many years beyond their [illegible] at the age of [illegible], though their [illegible] [illegible], if at all, only while they were mere children. [illegible] a regulation would be a disgrace to any country, and is especially [illegible] to Japan, where the [illegible] [illegible] rights of foreigners are maintained in the very ground that the rights of individuals are not sufficiently respected here.

3d On the strength of this regulation he has presumed to [illegible] officially with the most [illegible] private affairs of a foreigner who made an honorable [illegible] [illegible] to one of the [illegible] [illegible]. He [illegible] [illegible] decided at first against allowing such a [illegible] [illegible] [illegible] placing them in the [illegible] of the [illegible] [illegible] [illegible] of the [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] of that office [illegible] [illegible] [illegible]

the matter to come up to be decided again. And thus had been a decision on a point of being given unnecessarily when a threat was made to dispense the [illegible] and [illegible] by a [illegible] outrageous [illegible].

11. The decision was [illegible] given [illegible]; but [illegible] we have a most contemptible and disingenuous piece of cunning was adopted to prevent ~~[illegible]~~ having any effect. [illegible] the [illegible] [illegible] under officer in charge of the girls' school, the young lady was undoubtedly induced to refuse the proposal; and another pupil, who is that under officer's [illegible], was [illegible] [illegible] to the [illegible] as a suitable match. And yet the head of a great department stooped to mix in such a [illegible] intrigue, and still [illegible] to [illegible] the officer concerned in it.

12. That same under officer has been permitted [illegible] of in many [illegible] the [illegible] the [illegible] for a couple of years to [illegible] [illegible] the girls' school.

[illegible] Connected with that underhand [illegible] [illegible] disgraceful attempt to drive one of the [illegible] from the post, so as to give the [illegible] [illegible] [illegible] managing the [illegible]

the opportunity of [illegible] religion to the school, [illegible] better fitted than the present [illegible] for [illegible] both the education and [illegible]. [illegible] efforts [illegible] of the missionary are probably made by [illegible] or [illegible] to the Christian. [illegible] only of [illegible] to the foreigner [illegible] and though [illegible] the principal negotiations [illegible] aforesaid proposal of marriage were made.

[illegible] that in [illegible] the [illegible] has [illegible] so, and [illegible] himself responsible for [illegible]

Without commenting [illegible] or through [illegible] my [illegible] [illegible] together [illegible] the [illegible] officer abovementioned, and [illegible] in your hands a case that would disgrace [illegible] if published to the world. ...

I have the honor to remain

Gentlemen

Your most obedient servant,

Benj Smith [illegible]

[illegible]; 1st April, 187[illegible]

To the Honorable Sangi.

Gentlemen;

I have the gravest complaints to urge against [illegible] [illegible] and make bold to ask for his dismissal from his present responsible post.

He has most wastefully squandered, to the extent of seven millions of [illegible] in this [illegible], the said the money appropriated for the improvement of the Hokkaido, with but little return to show therefor, as to make it clear that he has either connived at robbery of the government or that he has through intellectual incapacity been unable to prevent it. He has, for example, in the building of a single road, [illegible] about half a million dollars, the stolen outright, [illegible] as by a liberal estimate would have built the road. Many costly and palpably useless engineering works have been carried out with his consent, and not a single important officer has been seriously punished for complicity with such [illegible] robberies. On the contrary, one at least of the chief managers of such works I will [illegible]

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be a favorite of his. It is perfectly plain to all disinterested men that the gentleman is either most criminally dishonest himself or else the constant dupe of rogues, and in either case is wholly unfit to act as the head of a department. His service not only causes immense direct losses to the government and tends to ruin its credit both at home and in foreign countries.

2d. By an oppressive regulation, which he maintains in pursuit of the [illegible] at [illegible] Students are bound to serve an apprenticeship for many years beyond their arrival at the age of discretion, although their consent is taken, if at all, only while they are mere children. Such a regulation would be a disgrace to any country, and is especially harmful in Japan, where the exterritorial rights of foreigners are maintained on the very ground that the rights of individuals are not sufficiently respected here.

3d. On the strength of that regulation he has presumed to intermeddle officially with the most private of private affairs, even a proposed marriage of one of the female pupils. He decided on [illegible] [illegible] and a marriage. [illegible] place [illegible]

in the absence of the officer in charge of the schools (Mr. [illegible]) decided in favor of the [illegible] again with a [illegible] most unworthy of his position, or the [illegible] of that of [illegible] at the end of [illegible] weeks gave the matter to [illegible] [illegible] decided again. [illegible] [illegible] [illegible] the [illegible] was on the point of being given unfavorably when a threat was made to [illegible] [illegible] [illegible] and [illegible] [illegible] full [illegible] of the [illegible].

4th The [illegible] was [illegible] given favorably, but at the same time a most contemptible and [illegible] [illegible] piece of [illegible] was adopted to [illegible] the having an effect. The young lady was induced [illegible] through the under officer in charge of the girls' school (Mr. [illegible]) to refuse the [illegible], and another pupil who is that under officer's [illegible], was recommended in [illegible] as a suitable [illegible]. And [illegible] the head of [illegible] [illegible] department stooped to join in such shameful [illegible], unworthy [illegible] [illegible] [illegible], and [illegible] to [illegible] the officer concerned [illegible] [illegible].

5th That same under officer has been permitted of [illegible] many [illegible] among the younger ladies [illegible] [illegible] for a couple of years as [illegible] [illegible] [illegible] school.

10 Connected with [illegible] [illegible] [illegible] [illegible] [illegible]

a most disgraceful attempt to drive one of the ladies from her post in direct violation of her contract, so as to give the place to a certain foreign missionary woman, who doubtless coveted the opportunity of spreading [illegible] in the school. These efforts in favor of the missionary are perfectly [illegible] in a bribe to her friend the Christian convert through whom the principal [illegible] of the aforesaid missionary proselyting are found to be made.

Without examining the special [illegible] the vanity, meanness & thorough incapacity for which the [illegible] is [illegible], I must say [illegible] for his dismissal together with that of the two school officers abovementioned, and leave in your hands a case that would disgrace the [illegible] of enlightened [illegible] the world.

I have the honor to remain

Gentlemen,

Your most obedient servant

Benj. Smith Lyman

Chief Geologist [illegible]

H.I.J.M. Kaitakushi.

[illegible]

Tribune 17th April 1871.

[illegible] Symonds [illegible]

Gentlemen:

We are the gravest complaints to urge against the [illegible] and ask the [illegible] to vote for his dismissal from his present responsible post.

1° He has [illegible] wastefully expended (the entire [illegible] in these [illegible] appropriated for the improvement of [illegible], with so little return to those [illegible] that he has either connived at robbery of the government or that he has through intellectual incapacity been unable to prevent it. He has, for example in the building of a single road [illegible] about [illegible] a million dollars [illegible] outright, about twice as much as by a liberal estimate would have built the road. Many costly [illegible] works have been [illegible] and not a single [illegible] has been punished for complicity [illegible]. On the contrary, [illegible]

manager of such works is well known to be a favorite of his. It is perfectly plain to all disinterested men that the [illegible] is either most criminally dishonest himself or else the [illegible] dupe of [illegible] and in either case is wholly unfit to act as the head of a department. This course not only causes immense [illegible] to the government but only [illegible] its credit both at home and in foreign countries.

2° By an oppressive regulation, which is maintained the pupils of the [illegible] schools [illegible] [illegible] are bound to serve the department for many years beyond their attained at the age of discretion, although their consent is taken, if at all, only while they are mere children. Such a regulation would be a disgrace to any country, and is especially harmful to Japan, since the extraterritorial rights of foreigners are maintained on the very ground that the rights of individuals are not sufficiently respected here.

3° On the strength of that regulation [illegible] claimed [illegible] admissible officially with the [illegible] of private affairs, even a professional [illegible] [illegible] private profit. [illegible] [illegible] [illegible] a marriage. [illegible]

then in the absence of the officer in charge of the school the question decided in favor of it. Then again, with a [illegible] [illegible] most unworthy of his position, upon the return of that officer at the end of several weeks, gave the matter to him to be decided again. And this last time the decision was in the [illegible] of [illegible] [illegible] when a threat was made to [illegible] [illegible] and [illegible] by a public exposure of the outrageous regulation.

4th. A decision [illegible] given [illegible] it is the same time a most contemptible and [illegible] piece of cunning was adopted to [illegible] and its having [illegible]. The young lady was [illegible] undoubtedly through the [illegible] officer in charge of the girls' school [illegible] for the proposal and another pupil who is that [illegible] officer's [illegible] was recommended instead as a suitable match. And yet the head of a great department stooped to join in such shameful [illegible], unworthy even of a kitchen servant, and [illegible] to punish the officers concerned in it.

5th. That same [illegible] officer has been [illegible] [illegible] in many such ways the [illegible] [illegible] for a couple of years [illegible]

the girls' school.

6th Connected with that [illegible] has been a most disgraceful attempt to drive one of the teachers from her post (in direct violation of her contract) in order to give the place to a certain foreign missionary woman, who doubtless desire the opportunity of spreading religion in the school. These efforts in behalf of the missionary are probably [illegible] as a favor to the friend the [illegible] [illegible] through whom the principal negotiations of the [illegible] [illegible] proposal happened to be made.

Without enumerating other special acts of dishonesty, meanness or thorough incapacity for which the Director is responsible, I renew my request for his dismissal together with that of the two school officers aforementioned, and leave in your hands a case that would disgrace the empire if published to the world.

I have the honor to remain,

Gentlemen,

Your most obedient servant,

Benj. Smith Lyman

Chief Geologist and Mining [illegible]

[illegible]

[illegible]; 17th April, 1874.

My dear Mr. [illegible]:

Mr. Arosemena has sent a most unsatisfactory answer to me this evening, and I have written a reply, to which I still hope to receive a more favorable answer before the time agreed upon this morning. From talking with Mr. Arosi this afternoon I gave much the same account as you have done of the [illegible] of Mr. Arosemena's intentions, and I am much pleased to hold now to view that he is merely misled by bad advice, unfortunate as that state of things is.

It gives me pleasure also to think that you were not consciously guilty of so shameful an attempt to deceive me, as I thought barely possible this noon. I insist therefore upon your accepting the watch as a small token of my gratitude for your frequent trouble and goodnatured assistance in my private affairs, although through no fault of yours we were unsuccessful in our walks.

I have waited up from a [illegible] [illegible]
[illegible] not so foolish as to try to [illegible] [illegible] you

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not sure it. Mr. Kenrick can do me no injury that I should care much about now and I am at any rate determined to do my best to influence the [illegible] by urging his removal if he still insists in being led so violently [illegible] by [illegible] men.

Thanking you again for the kindness you have so often shown me, I remain

Yours very truly,

Aug. Smith [illegible]

Shiba; 17th April, 1874.

To His Honble K. Kuroda,

[illegible]

Sir,

[illegible] favor of today in answer to mine complaining against Mr. [illegible] [illegible] the evening.

I did not undertake to arrange the matter connected with Mrs. [illegible] contract, though I am sure [illegible] mistaken in regard to it. She and her other friends will undoubtedly be able to defend her interests easily in that affair. What I complained of was Mr. [illegible] [illegible] to her; and to this you give no answer.

[illegible] give no answer to my complaint against his [illegible] [illegible] character, as [illegible] to his position in the [illegible].

In regard to his interference with the [illegible] [illegible] supposed, [illegible] the nature of the [illegible] [illegible] that direct proof could be given. Very [illegible] even the young lady herself might be [illegible] of his interference. As I am [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], there might be [illegible] [illegible] to the

Shiba, 18 April, 1874.

Genl Horace Capron,

Commissioner & Adviser to the Kaitakushi.

Sir:

It has come to my knowledge 1st that Mr. Tokudzumi, the under officer in charge of the girls' school in the Kaitakushi, has been guilty of gross rudeness to one of the lady teachers, Miss [illegible], especially in ~~making~~ informing her of a peremptory dismissal under [illegible] of the [illegible] or [illegible], in refusing afterwards to send her scholars to her and in various other ways at other times; 2d that the same [illegible] is well known to be of bad character and consequently wholly unfit for the position he holds.

Begging that you will forward this complaint immediately to the Chief of the Department and ask for the speediest possible dismissal of an under officer who is so disgraceful to the Department of the Kaitakushi, I have the honor to remain,

Sir,

Your most obedient servant,

Benj. Smith Lyman.

[illegible], 11 April 187[illegible].

Genl Horace Capron,

Commissioner & Adviser to the Kaitakushi.

Sir:

It has come to my knowledge 1st that Mr. [illegible], the under officer in charge of the girls' school in the Kaitakushi, has been guilty of gross rudeness to one of the lady teachers Mrs. [illegible], especially in attempting to give her a peremptory dismissal in the end of this month or thereabouts, in requiring of her to send her children to her, and in various other ways at other times: 2nd that the same [illegible] is well known to be of low character and is consequently wholly unfit for the position he holds.

Begging that you will forward this complaint immediately to the Chief of the Department and ask for the speediest possible dismissal of an employee who is so disgraceful to the reputation of the Kaitakushi, I have the honor to remain,

Sir,

Your most obedient servant,

[illegible]

[illegible]

[illegible]:

[illegible]

[illegible] of me this [illegible]
[illegible] that report [illegible],
and I send you [illegible]
copies [illegible]; one for yourself
one for Mr. [illegible], and
one each for any of my
friends [illegible]
that [illegible] in the
matter. — [illegible] this will
[illegible] you [illegible]
Yours [illegible]
[illegible]

Hilo; 19 April, 1874.

Hon. H. [illegible],

Commissioner of Education, Kaiwiula.

Sir:

As you expressed some surprise yesterday at my complaining against Mr. Kekalohe without [illegible] [illegible] [illegible] named me, personally, in my [illegible] [illegible] [illegible] since [illegible] [illegible] [illegible] [illegible] to him for a most serious injury. The [illegible] reasons of my belief are:— 1st that he had motive for doing me the injury; 2nd that he [illegible] the disposition to do it; 3rd that he had abundant opportunity; 4th that he has a character [illegible] enough to take advantage of such an opportunity; 5th that he [illegible] [illegible] [illegible] of [illegible] [illegible] [illegible] [illegible] can be proved by [illegible] and testimony of others; but the [illegible] [illegible] [illegible] [illegible] only by my own, which [illegible] [illegible] [illegible] credibility to one [illegible] [illegible] [illegible] [illegible] [illegible] against him in this [illegible] [illegible] [illegible] circumstantial, [illegible] only [illegible] [illegible] [illegible] directly proved, [illegible] [illegible] [illegible] [illegible] friends [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Tokio, 19 April, 1874.

H. [illegible] Esq.

Dear Sir:

I perceive by the return of the [illegible] with your favor yesterday that you either [illegible] some hidden reason for offering [illegible] or that you supposed others would hold [illegible] opinion. Nothing however was farther from my thoughts than to offer you anything in the [illegible] a bribe, and what I wrote was perfectly [illegible]. To give a bribe is little if at all better than accepting it; and besides I was not aware of any reason for wishing to bribe you. Certainly I had no wish to draw you into any of my quarrels with [illegible]. Knowing your modesty I chose a smaller gift than otherwise would have been the case for the very purpose of making you more willing to accept it. Regretting that there should have been any misunderstanding in the matter I remain

Very truly yours,

Benj. Smith Lyman

Shiba; 1st April, '74.

[illegible]

Manager Japan Gazette Office,
No. 85 Yokohama.

Dear Sir;

On receiving the pamphlets we find [illegible] [illegible] had 335 copies in [illegible] [illegible] as I cannot make the correspond[illegible] [illegible] with ... in your heavy bill on them we [illegible] [illegible] that you will send me the bill [illegible] [illegible] to settle the matter without delay [illegible]

Yours very truly,
Benj. Smith Lyman.

Shiba, 19 April, 1874.

Gen.l Horace Capron,

Commissioner & Adviser, Kaitakushi.

Sir:

The copy of Chairman Kuroda's letter of yesterday about my complaints against [illegible] was through your kindness just come to hand. In reply I beg to say that in the Chairman's letter of yesterday there is no mention whatever of [illegible]'s rudeness to Mr. [illegible], and even no [illegible] of the day before that, although the other offence [illegible] is alluded to there perhaps by oversight. No answer about [illegible]'s rude behavior. In regard to the investigation made as to [illegible]'s general character it is quite natural that other officers should dislike & speak ill of him. Yet under even these circumstances one of the most respectable of them has said that "among you [illegible] is like a [illegible] man," and another has spoken in much the same way of him. I beg therefore that the investigation be renewed and made more strict, and have the honor to remain,

Sir,

Your most obedient servant

Benj. Smith Lyman

Shiba, 17 April, 1872.

Genl. Horace Capron,

Commissioner & Adviser, Kaitakushi.

Sir:

In reflecting upon what Mr. Arai said the other day of Mr. Kuroda's honorable character I find reason to regret the manner and language I used towards him the day before yesterday. I hope however that he will remember that there was some appearances very strongly against him, and that I had some occasion for some excitement. If you would kindly inform him of this (without however in the least withdrawing any complaints against the body) you would greatly oblige,

Sir,

[illegible]

Shiba: 22 April, 1874.

Hirokuke Izusho Esq.
Kaitaku Kanji.

Sir:

In accordance with the instructions of your letter of the third of last month, I have [illegible] three hundred copies of my Preliminary Report [illegible] at a printing office in Yokohama (that of the Japan Gazette) at a cost of one hundred [illegible] fifty dollars ($150). The bill which I enclose herewith includes also the payment of seven dollars for thirty-five extra copies ordered by me [illegible] own expense. I send also herewith [illegible] hundred copies of the report, reserving the [illegible] hundred according to the agreement [illegible] made; and I have the [illegible]

[illegible]

Your most obedient servant,

[illegible]

Yale, 28 April, 1858.

are so many sons and nephews to find occupa-
tion [illegible] could be [illegible] in the
affairs of the war. The three young men were to
[illegible] and anything [illegible]
[illegible] to my [illegible]
[illegible] before and afternoon; [illegible]
[illegible] the time [illegible] very [illegible]
[illegible]
[illegible] necessary for me [illegible]
[illegible]
[illegible] very [illegible]. I will
[illegible] for you [illegible]
[illegible] — Although we
[illegible] of them, [illegible]
[illegible] time, and
[illegible] needed
for [illegible] travelling and [illegible]. The supplies
for [illegible] are [illegible]
[illegible] have now become
[illegible]
[illegible] under [illegible] years [illegible]
[illegible] Mr. [illegible]
[illegible] The supplies though
[illegible]
[illegible] the report [illegible]
[illegible]
[illegible]

Give [illegible] my love to all, and believe me
Your affectionate [illegible]
[illegible]

[illegible]

Dear Mrs. [illegible]:

[illegible] I

send the box, with the [illegible] inside.

The carpenter says he cannot put

the lock into the same place

but he can put a new brass strip

on the top [illegible].

I will give myself the pleasure

of calling on you this afternoon

(Saturday)

at [illegible] o'clock, and learn

your opinion about the box.

Yours very truly,

[illegible]

[illegible], 26 April, 1874.

Genl. K. Kuroda
Commissioner of Colonization & the Kaitakushi

Sir:

In accordance with your request I beg to propose my general plan of operations for the geological survey work this season.

Mr. Munroe gained special experience in the survey of gold fields in his last season's work. I propose that he and about half of the Japanese assistants should survey a gold field of importance said by Admiral Enomoto to exist somewhere near Matsumai; and then survey the [illegible] fields reported by Admiral Enomoto to be along the sea coast near [illegible]. If there be time still left after that he might make an [illegible] survey of the coal field north of the river [illegible] between [illegible] and [illegible] or of some other field that in the course of the season may prove to be of sufficient interest. He can also examine [illegible] the geology of the coast from [illegible] to [illegible].

To the other assistants I propose to give employment in the country in travelling a thorough [illegible].

of the Brache Coal field and other parts of the Kerrerneri field not visited last year. As these will are perhaps some of are very large yield perhaps nothing [illegible] the Kerrerneri field, and [illegible] would seem to be of the greatest importance [illegible] and [illegible] will [illegible] to [illegible] [illegible] for the whole season.

For my own part I propose with my assistant Mr. [illegible] to visit the [illegible] of the [illegible] lying to the southward of the Kerrerneri Coal [illegible] to see whether if any beds of coal are to be found there, and perhaps make [illegible] if they [illegible] [illegible] to the Kerrerneri; then after visiting the assistants at work near the Kerrerneri [illegible] I could go up the [illegible] River to its heads, then [illegible] Brache to its mouth [illegible] the assistant [illegible], then pass round the [illegible] by [illegible] [illegible] to one of the principal [illegible] on the [illegible], [illegible] then go up [illegible] to [illegible] and [illegible] Ohenu [illegible] the [illegible] [illegible] [illegible] [illegible] Kerrerneri [illegible]

the last party of last season. As there is said to be little of commercial value in the northern end of the island, it is hardly possible that I might [illegible] leave it [illegible] instead of turning by the [illegible] river.

As this [illegible] given delays this winter [illegible] that the most essential parts of the survey & mapping were pressing & time. Neither authoritative advice from the Japanese [illegible] was [illegible] not stationed at the time of the field work, when surveying errors could [illegible] have been corrected; they insist that this season enough time be given for that purpose also. The extent of the surveys will consequently be somewhat less; but the work of the following winter [illegible] far more satisfactory.

I have the honor to remain

[illegible]

Your [illegible] obedient servant

[illegible]

Pennsylvanian:	Coal. Feet	[illegible] Feet	[illegible] Feet
Chiefly greenish gray sandy shales	—	—	[illegible]
[illegible] Coal	[illegible]	—	[illegible]
[illegible] greenish gray sandy shales [illegible]	—	—	17.00
[illegible] sandstone weathering brown	—	—	5.[illegible]
[illegible] coal	[illegible]	[illegible]	[illegible]
Chiefly bluish gray shales & greenish gray soft sandrock (partly [illegible])	—	—	20.00
Sandrock	—	—	2.00
[illegible] & [illegible] coal	2.00	2.55	4.65
[illegible] bluish gray shales	—	—	6.00?
Chiefly greenish gray soft sandrock [illegible]	—	—	14.50
[illegible] Coal	[illegible]	—	6.40
Chiefly bluish gray shales (partly [illegible])	—	—	70.00
[illegible] Coal	[illegible]	—	5.00
Chiefly greenish gray shaly sandrock ([illegible])	—	—	22.[illegible]
Brown weathering shales	—	—	2.00
[illegible] Upper Coal	6.40	[illegible]	[illegible]
Chiefly bluish coaly shales	—	—	2.35
[illegible] & [illegible] Coal	1.10	—	[illegible]
[illegible] shales	—	—	3.[illegible]
[illegible] coal	[illegible]	[illegible]	[illegible]
[illegible]	—	—	18.[illegible]

	Coal feet	[illegible]	[illegible]
(L 8826) Coal	2,90	—	[illegible]
Coal shales, black	—	—	[illegible]
Hidden (probably shales)	—	—	13
(L 8830) Coal, good [illegible]	0,50	—	3,4
			[illegible]

The Coal at (L 8830) [illegible] may be the same as the lower band of (L 8000) with its thickness perhaps over estimated; though at first supposed to be lower [illegible]. The coal at (L 8834) was at first taken to be lower than any of the others, but might be the same as (L 8000) or a still higher one; it measures four feet thick.

I have the honor to remain

Sir,

Your most obedient servant,

Benj. Smith Lyman,

Chief of Geological & Mining Surveys

Shiba, 27 April 187[illegible].

Hon. [illegible]
Commissioner [illegible] [illegible]

Sir

[illegible] to thank you for your favor of the [illegible] [illegible] inst. conveying me from Mr. Kawada of [illegible] [illegible] and asking me as a friend to give up [illegible] the prosecution of our charges against him [illegible] [illegible] [illegible] that an official inquiry would be disagreeable to all concerned.

I am forced to comply with that request not merely out of consideration for yourself, but because further official investigation would inevitably cause great annoyance to the very highly respectable parties through whose testimony every one of my charges could be proved to the full conviction of the most reluctant believer.

Since it is hardly possible however, after what passed between Mr. Kawada and myself, that we could ever have towards each other [illegible] [illegible] [illegible] [illegible] [illegible] desirable between the two [illegible] [illegible] [illegible] [illegible] by announcing [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

..e from my engagement here. If so, I should be on my part more than willing; and if there be no obstruction in the way of such an arrangement, would agree at my own expense to bring the maps and reports of last year's work into a satisfactory state before leaving Japan.

Begging that you will lay this proposal before His Excy, I have the honor to remain,

Sir,

Your most obed.t servant,

Benj. Smith Lyman

Pribas(?), 28 April [illegible].

Dear General:

I [illegible] you [illegible] the [illegible] of Dr. [illegible] [illegible] you will [illegible] if [illegible] your [illegible] [illegible] here in my [illegible] [illegible]

[illegible]

[illegible]

[illegible]

Dear [illegible]

[illegible] find the [illegible] this afternoon [illegible] in the evening as I suppose [illegible] important engagement [illegible] will prevent me from going. [illegible] please name me to them if they miss me.

I send you herewith [illegible] report, and [illegible] disposal of you [illegible]

Dear General:

[illegible] orders [illegible] to [illegible] please [illegible] that the [illegible] I am [illegible] his decision as soon as possible.

Yours very truly,

[illegible]

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[illegible] May [illegible]

[illegible] Esq.

[illegible], [illegible],

[illegible],

Sir:

My assistant Mr. [illegible] is very anxious to have the maps of his base survey of the country [illegible] with his own eye [illegible] the end of his term of service with the [illegible], now only a few months distant; and [illegible] think it could be accomplished without [illegible] the next [illegible] of the coming season if he could have a [illegible] engagement with [illegible]. It seems to me that it would be well worth while for the [illegible] to take advantage of his zeal in the matter and secure him with such assistance. His familiarity with the ground would make his oversight of the mapping [illegible]; and the completion of his maps would leave the [illegible] as much free for other work next winter.

Hoping that you may [illegible] a [illegible] to grant us this favor, I have the honor to remain,

Sir,

Your very obedient servant,

[illegible]

[illegible], [illegible]

Mr. H. Capron,
Com'r & Adviser to the Kaitakushi.

Sir,

I have the pleasure of handing you herewith for the Kaitakushi a map on a small scale [illegible] of the [illegible] and [illegible] [illegible] made by [illegible] one of my assistants [illegible] [illegible] and [illegible] drawing part of [illegible] was done by [illegible] and [illegible] will I trust make a little [illegible] on my part [illegible] to your [illegible] [illegible] of the [illegible] is one of the younger assistants and though very [illegible] has learned almost all he knows of our art since joining us a year ago.

The capabilities of the harbors when improved by breakwaters as proposed have already been sufficiently explained in my letter to you dated 28th of last September, and in my Preliminary Report.

I have the honor to remain,

Sir, Your obedient servant,
Benj. Smith Lyman.

Shiba; 9 May '74.

Genl H. Capron

Commissioner & Adviser to the Kaitakushi.

Sir:

Some time ago I recommended to Mr. Arai, then in charge of the [illegible] as good men to train in the laboratory of the Kaitakushi: Mr. [illegible], Mr. Mori (interpreter) and Mr. Hayashi (chemist) [illegible] lately employed with my friend Mr. [illegible], who spoke very highly of every one of them. As there seems to be some hesitation about engaging them, I take the liberty of begging you to use your influence in the matter. It seems to me particularly desirable to employ a chemist, as it would secure the result of doing all our chemical work under my oversight and of giving instruction to our assistants; and I know of no other Japanese chemist whom I should be willing to trust so far. The other two gentlemen would apparently be very useful men to have with us; but the chemist is the most important.

Hoping you may be successful in engaging them, I have the honor to remain,

Your most obedient servant

[illegible]

Shiba, 12 May [illegible]

Dear Mr. Munroe:

I return you herewith your Eglestons Mineralogy with many thanks.

Gen'l Capron wishes me to ask you if you have seen or heard anything of the progress of any work made preparatory to [illegible] report. He also wishes me to say that the Kaitakushi orders only 200 copies to be printed and that any copies you wish for your own use will have to be paid for by yourself.

[illegible] very truly [illegible]

[illegible], [illegible] May 18[illegible]

[illegible] Mr. [illegible]:

[illegible] [illegible] furnished [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] them however [illegible] [illegible] be still [illegible] [illegible] in any [illegible] would give me [illegible] [illegible] my [illegible]. [illegible] very [illegible] [illegible] [illegible]

Phila; 13 May, 'Pa.

Dear Mr. Munroe:

There has been no intimation yet that any copies of the report will be put at my disposal: but in case they should be, it would give me pleasure to make you a list of the men to whom they are sent, as you request in your favor of last evening. Genl. Pepin and I are both disappointed that the Institution has not been more liberal in the matter.

Yours very truly,

Benj. Smith Lyman.

[illegible]

[illegible]:

The expense of the Topo [illegible] have been [illegible] and I feel in the [illegible] if you should want to settle the account.

Wishing you a pleasant trip, I remain

Very truly yours

Benj. Smith Lyman.

Shiba, 15th May 18[illegible]

Henry S. Munroe Esq.
Assistant Geologist
Kaitakushi.

Sir:

In answer to your favor of last evening reporting for instructions as to the Hokkaido geological survey this season, I have to say that you will accompany me as far as Hakodate in the Pacific Mail Steamer that leaves Yokohama on the eighteenth of this month or thereabouts. After our arrival at Hakodate if not sooner I will give further instructions as to your work in Yesso.

I have the honor to be,

Sir,

Your most obedient servant,

Benj. Smith Lyman.

Chief Geologist.

[illegible] 18 Aug 18[illegible]

[illegible]

In charge of Quartermaster[illegible],

[illegible]

Sir,

I beg that my quartermaster Mr. A[illegible], be allowed to take with us to Tasso as ditto. my present jurisdiction, with whom I am. and [illegible]

Sir,

Your most obedient servant

[illegible]

[illegible] 15 May, 1874.

K. Otori Esq.

[illegible] Charge of Bussanka[illegible].

Sir:

I find out that by mistake two sets of drawing instruments have been brought more than the number applied for in my list for the geological assistants. I recommend however that they may be taken by the Kaitakushi, as they are not [illegible], and replace some poorer ones that may be kept as spare sets. Moreover Mr. [illegible] [illegible] have a draughtsman [illegible] need him [illegible] the regular [illegible] there will be [illegible] need of extra instruments [illegible] was not [illegible]

I have [illegible]

[illegible] obedient Servant,

[illegible]

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Tokei, 16 May 1874.

General Horace Capron,

Commissioner & Adviser Kaitakushi.

Sir:

As circumstances have prevented the completion of finished copies of the geological and topographical maps of the prelim. surveys made last season in the Kayanuma and Poronai Coal fields, it is [illegible] worth while [illegible] to give a few of the results that can be gathered from the nearly finished rough copies; results that may be all that is needed for the present year.

In the Poronai Coal field the map [illegible] [illegible] decided as probable in my field notes [illegible] that the coal bed with present mines can be [illegible] at the lowest point with outcrop in the [illegible] [illegible] river, about 350 feet above the sea, [illegible] be taken by a railroad along the [illegible] [illegible] with a down grade of [illegible], [illegible] [illegible] passing over a [illegible] in the hill at [illegible] [illegible] [illegible] [illegible] a [illegible] from the mines, and [illegible] [illegible] feet in three quarters of a mile, [illegible] the harbor of [illegible] [illegible] miles ([illegible]) from the mines

This last seam could be so arranged with an inclined plane that the loaded cars would draw up the empty ones to the top; but it would not be easy to draw them up to a point high enough for them to run down hill all the way to the mine again because the hill towards the shore is hardly high enough for that.

The other workable coal beds except the Bridge [illegible] bed have their lowest outcrop still higher up than the one just mentioned, so that their coal could be shipped by the same railroad. Since the lowest outcrop of the [illegible] bed is but about ten feet lower, so that the coal could be shipped also by the same road with the rest.

All the workable coal beds moreover probably crop out somewhere in the [illegible] bay at a level of not more than 20 feet above the sea, and about a mile and three quarters from the [illegible] harbor. But the exact place and outcrops has not yet been found and might require a little work to determine. [illegible] trial openings would also be necessary in order to [illegible] whether the beds retained there a good [illegible] and quality. A railroad from the [illegible]

established there could be easily built with a uniform grade of about 100 feet to the mile down the valley to the harbor. The present workings are profitable coal opening in a small branch of the [illegible] valley is about 400 feet above the sea and two miles from the harbor; and the outcrop of the same bed could be [illegible] the main valley a upper lower level and a quarter of a mile nearer the harbor.

In the [illegible] Coal Field the coal could be worked profitably to great advantage by drifts, from the banks of the main stream ([illegible]) near my first camp of last season. The upper most workable bed would best be worked by a slope easterly from the stake "[illegible]"; on the westerly side the hill is low and contains but little of the bed. It could probably be opened however on the westerly side of the branch stream half a mile south westerly of that stake, but its outcrop has not yet been explored there. The other workable beds can be worked profitably on either bank of the main stream and on either of the two sides of the anti[illegible] form in which they lie. The quality of the [illegible] on the northern side of the saddle, and the

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Shiba, 16 May 1874.

General Horace Capron,
Commissioner & Adviser to the Kaitakushi.

Sir:

As circumstances have prevented the completion of finished copies of the geological and topographical maps of the rough survey made last season in the Kayanuma and Horonai Coal Fields, it is perhaps worth while before going to Yesso to give a few of the results that can be gathered from the nearly finished rough [illegible], especially that may be all that is needed for the present year.

In the Kayanuma Coal Field the [illegible] (which was stated as probable in my Preliminary Report) that the coal bed of the [illegible] can be opened at its lowest point of its outcrop in the valley [illegible] River, about [illegible] a yard above the sea, and be taken by a road [illegible] along the side of the valley within [illegible] [illegible] about [illegible] miles, passing over a gap [illegible] [illegible] [illegible] each year [illegible] [illegible] [illegible] [illegible] [illegible]

in three quarters of a mile reach the [illegible] of this bed at [illegible] from the mine. The [illegible] railroad could be so arranged with an inclined plane that the loaded cars would draw up the empty ones to the top; but it would not be easy to draw them up to a point high enough for them to run down hill all the way to the river again as the hill towards the shore is hardly high enough for that.

The other workable coal beds are [illegible] Bridgeport bed have their lowest outcrop still higher than the one just mentioned, so that their coal could be shipped by the same railroad. [illegible] the lowest outcrop of the Bridgeport bed is at about ten feet lower, so that its coal could be shipped also by the same road with [illegible].

All the workable coal beds crop out probably crop out somewhere in [illegible] valley at a level of not more than 30 feet above the sea, and about a mile and [illegible] from the [illegible] harbor. But the precise place of such outcrops has not yet been found and would require a little boring to determine [illegible] [illegible] draining would also be necessary in [illegible]

to [illegible] [illegible] [illegible] [illegible] [illegible] a great [illegible] and [illegible]. A railroad [illegible] [illegible] [illegible] [illegible] could be easily built with a maximum grade of [illegible] 128 feet to the mile down the valley to [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] opening in a [illegible] [illegible] of the [illegible] [illegible] [illegible] is [illegible] 400 feet above the sea and [illegible] miles from the harbor; but the [illegible] of the [illegible] [illegible] could not [illegible] [illegible] [illegible] the main valley at 30 feet lower level and [illegible] [illegible] [illegible] mile [illegible] the harbor.

[illegible] the [illegible] Coal Field the coal [illegible] be worked profitably & best advantage by drifts from the [illegible] of the main stream [illegible] near my [illegible] camp of last season. The upper [illegible] [illegible] [illegible] [illegible] would best be worked by a drift [illegible] from the [illegible] [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] but little of the coal. It could probably be found however on the [illegible] [illegible] [illegible] [illegible] half a mile [illegible] [illegible] [illegible], but the [illegible] [illegible] [illegible] been [illegible] [illegible]. The [illegible] [illegible] beds can be [illegible], especially on [illegible] bank of the main stream [illegible] [illegible]

of the two sides of the saddle, from which they
rise. The gentle slope [illegible] of [illegible] the settlements
with [illegible] saddles, and that part [illegible]
would therefore be most convenient for making
[illegible] also been down [illegible] and [illegible]
the Sacramento River.

Believing that these points will be suf-
ficient guide for any work that could be
begun this season, and hoping to send you
further maps soon after returning from
[illegible], I have the honor to be,

Sir,

Your most obedient servant,
[illegible]

111

[illegible] 9 May 73.

General Horace Capron
Commissioner and Adviser Kaitakushi.

Sir:

I beg to say that although entitled by contract with the Kaitakushi to a house to live in and not a separate room (as I have always supposed) I have hitherto out of consideration submitted to many annoyances from the [illegible] of the lodging provided for me; I shall beg to insist upon the fulfilment of that portion of the contract on my return from Hokkaido. If however Dr. Antisell's present dwelling can be given me then as it was once long ago promised, I will [illegible] [illegible] in [illegible] of the [illegible] large detached house that was intended in the agreement.

I have the honor to be,

Sir,

Your most obedient servant,

Benj. Smith Lyman.

64 Japanese fans (fine).
66 Surveying rods.
19 Axes.
20 Cakes black ink.

288 Lead pencils,
6 Tent mats
50 Drawing pins.

Yedo, 18 May, 1874.

Yokohama; 18 May, 1874

To the Treasurer
of the Kaitakushi.
Yedo.

Sir: I have just given my friend Mr. W. J. Cruickshank a letter requesting you to pay him my salary monthly during my absence in Hokkaido.

Trusting that this arrangement will be satisfactory to you I have the honor to be,

Sir,

Your most obedient servant,

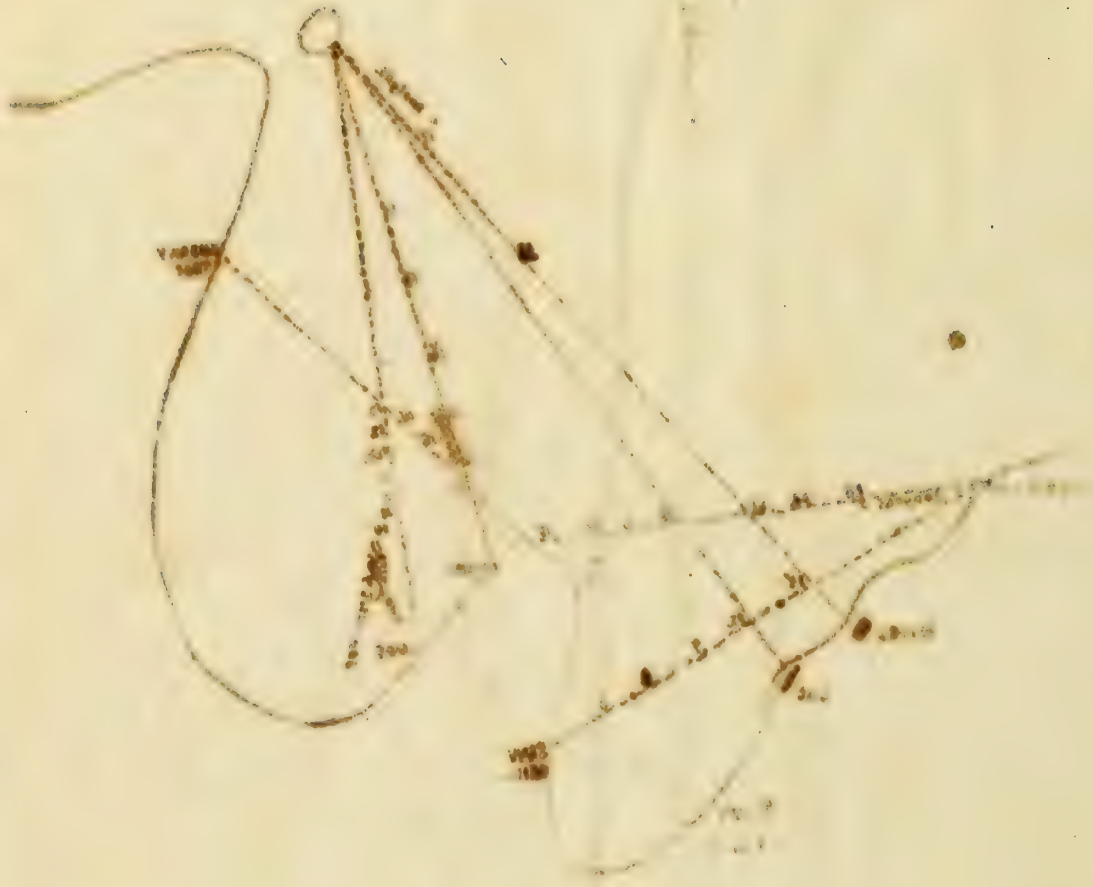
Benj. Smith [illegible]

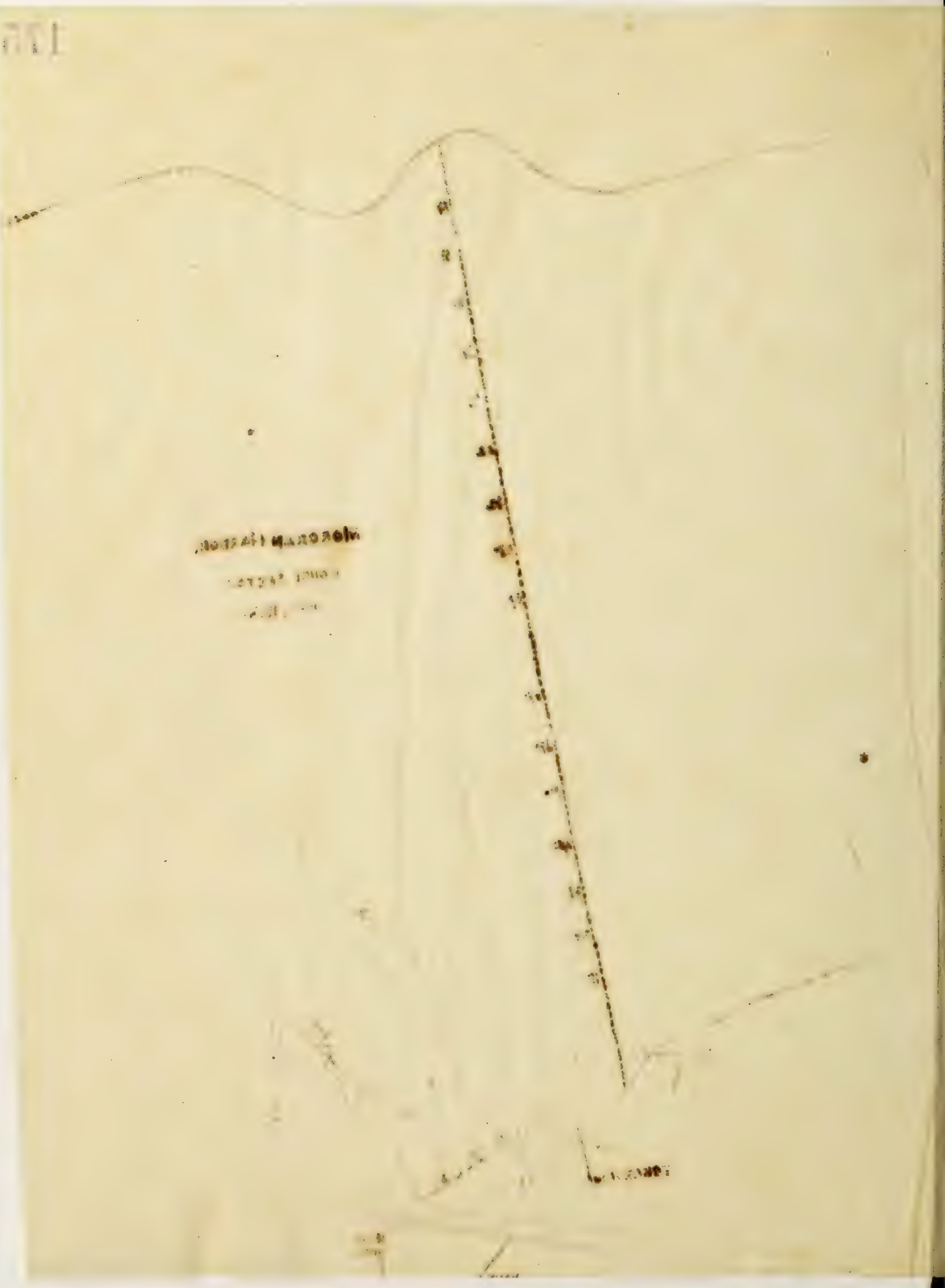
[illegible], Yezo Japan
[illegible] Aug 187[illegible].

[illegible] Chunder [illegible]
Calcutta

My dear Pundit,

I send you herewith a bill of exchange drawn by the Oriental Bank at [illegible] on the Oriental Bank at Calcutta in my name but endorsed to Baboo [illegible] Chunder [illegible] [illegible] have not [illegible]. I endorse it to him [illegible] he is personally unacquainted with [illegible] [illegible] you are and will I [illegible] you kindly the trouble of getting the money and putting it in your hands according to a written request which I will enclose herewith also. [illegible] I suppose it [illegible] my name is wrongly spelt on the face of the bill but I think it will give no trouble, especially as I formerly (in 1871) had an account with the Calcutta Oriental Bank. With the money please, in the first place, pay what I owe (if anything) to the "Friend of India" for subscription. The paper was sent to me for some months after my subscription expired, unless Mr. [illegible]





Sapporo, [illegible] June, 1874.

T. [illegible]
Assistant Geologist in charge of Surveying party.

[illegible] beg that you will [illegible] without [illegible] Coal Field, and take with you [illegible] Sako [illegible] [illegible] surveying [illegible] [illegible] 326° [illegible] by Mr [illegible] last year.

[illegible] 326° about 1600 feet, [illegible]

[illegible] beginning of the [illegible] valley [illegible] 320° about 1000 feet, to Mr. Saito's valley.

[illegible] From the summit between (L 621 [illegible]) and (L 622 [illegible]) 140° [illegible] feet, tying in passing with [illegible] of Mr [illegible] near the head of the valley.

[illegible] the summit between ([illegible]) and (L [illegible]) [illegible] 5000 feet.

[illegible] (L 603 [illegible]) (beginning of main line of [illegible]) [illegible] 700 feet.

[illegible] the southeast end of the [illegible] until [illegible]

[illegible]

[illegible] Esq.

[illegible] just [illegible] Survey by [illegible]

[illegible]

[illegible]

[illegible] that [illegible] the [illegible] with the [illegible] of [illegible] the things that are [illegible] in the field [illegible]

In the office [illegible] the lines be first plotted [illegible] if a polygon does not perfectly close, [illegible] search [illegible] for the source of [illegible] the plotting [illegible] the original notes, [illegible] the error [illegible] in the field. [illegible] that many [illegible] may be [illegible] the polygon, [illegible] however, the plotting of [illegible] lines [illegible] is already fixed. In the same way [illegible] of levelling [illegible] be [illegible] are marked [illegible] may be [illegible] through the polygon. [illegible] the [illegible] lines and [illegible] with heights [illegible] contour [illegible] drawn.

I have [illegible]

[illegible]

[illegible]

Sapporo, [illegible], 10 June, 187[illegible].

Messrs. Trübner & Co.

57 & 59 Ludgate Hill London.

Gentlemen

Enclosed please find [illegible]

Order for fifty pounds sterling drawn [illegible] on the [illegible] England by the Oriental [illegible]

[illegible] please [illegible] the following [illegible] books [illegible] requested [illegible] letter [illegible] corresponding [illegible] exchange:

[illegible] Geological Magazine [illegible] mail; both for the years [illegible] 1877 and 1878.

[illegible] [illegible] I–VI, [illegible] [illegible] published.

[illegible] Neubolds [illegible]

[illegible] [illegible] [illegible] article.

Hoffmann [illegible] [illegible].

[illegible] [illegible] found [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] and [illegible] Bettany [illegible]

Le Maout & Decaisne, translated by Mrs. H[illegible] with additions by J. D. Hooker, Longmans & Co. 187[illegible].

If you could send them to the [illegible] of the [illegible] you [illegible] [illegible] [illegible] you [illegible] the Globe, you would [illegible] [illegible]

Yours [illegible]

and geological specimens from time to time [illegible] the [illegible] of the Estate. I should be happy also to have it distinctly understood that Mr. [illegible] is solely under my instructions in regard to the museum and has [illegible] there without the possibility of any interference from other parties.

Desiring the matter may be conveniently arranged and surely understood, I have the honor to be

&c

Your most obedient Servant,
Benj. Smith Lyman.

if I be not quite impossible from the [illegible] of the [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]

5. [illegible] the hills are very low so that there [illegible] little coal above water level. It is probable that [illegible] the coal may [illegible] into higher hills that [illegible] be [illegible] [illegible] curi River from the [illegible] towards the river and not be more distant [illegible] from navigable water than the Kahuhuinai [illegible]. [illegible] these [illegible] considerations in view.

6. I send you herewith [illegible] showing the course of the Arrachi River [illegible] the coal [illegible] [illegible] place; also a sketch of the course of the [illegible] [illegible] by the [illegible] [illegible] Arrachi [illegible] Parmai to Kahuhuinai; also [illegible] [illegible] [illegible] the coal [illegible] [illegible] [illegible].

[illegible] [illegible] [illegible] [illegible] [illegible] and how they vary from place to place [illegible] [illegible] given with a [illegible] [illegible] [illegible] [illegible] some marked [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Stick them roughly. For such work you may if you like divide your party into two, and [illegible] of you [illegible] [illegible] work together [illegible]; [illegible] you may [illegible] [illegible] still have some doubts [illegible] the names [illegible] [illegible]. [illegible] down the Moyashi you will find [illegible] [illegible] [illegible] [illegible] [illegible] to the [illegible] [illegible] [illegible] [illegible] with large [illegible] [illegible] [illegible] [illegible] and then the green.

[illegible] The sketch of the course of the rivers will then [illegible] where you probably [illegible] with the road at the nearest point to the [illegible] on your way [illegible]. You will also [illegible] where your [illegible] from [illegible] [illegible] will probably come in.

9. Before leaving this region [illegible] a [illegible] [illegible] photograph of one of your [illegible] lines to the [illegible] [illegible] near [illegible] [illegible] and [illegible] [illegible] [illegible] of [illegible] [illegible] [illegible] of last year.

10. You may extend your main line [illegible] [illegible] [illegible] [illegible] [illegible] from [illegible] you [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

of [illegible], you will please return with your party to [illegible] even if you should hear nothing further from me. But it is most likely that you will hear again from me more than once before that, and that some place will be arranged for our returning to [illegible]. It is even possible that I may meet you in the field before winter. At any rate [illegible] write me about your progress and discoveries at least once a fortnight and [illegible] the [illegible] of the party. It is not necessary that your letters be often so that I can [illegible] them [illegible] anything [illegible] for other purposes. You can write either [illegible] Japanese, for the writer can read the paper in [illegible].

Wishing you all then [illegible] agreeable and successful campaign, I have the honor to be

Sir

Your most obedient servant,

[illegible] Smith Lyman,

Chief Geologist [illegible]

[illegible] making [illegible] of the [illegible] field today [illegible] that [illegible] me as the

are near Cobinstown. You will see by the map that the Brown & [illegible] [illegible] is about at right angles with the direction [illegible] these two points. You would [illegible] run a main line about in the direction and [illegible] for the [illegible] after first finding it more exactly if possible by your own surveying and plotting; and the [illegible] distance is six or seven thousand feet (by my rough sketch) to the main anticlinals near A and B your cross lines would have to be some eight or ten thousand feet long to cover [illegible] and west to the place [illegible] and [illegible] further [illegible] [illegible]. If you prefer (and I think it would be admissible) you may run likewise main lines along the axes near A and B, as near as may be, and then run cross lines all the way from one ~~[illegible]~~ remaining line to ~~[illegible]~~ ~~not~~ another and afterwards run the cross lines ~~of the~~ outside of the outer sides of the two outer main lines. My sketch [illegible] rough that the distances on it are not to be depended on.

It is worth mentioning that there is a small Aino village of a couple of houses on the right (Northern) bank of the Sorachi [illegible] [illegible] or so above this place.

B. S. L.

[illegible] 3 July [illegible]

[illegible]

[illegible]

Many thanks for [illegible]

[illegible] writing [illegible]

[illegible] the [illegible]

[illegible]

[illegible]

The [illegible] and, [illegible]

[illegible] of the [illegible]

[illegible] the [illegible], and

[illegible], and [illegible] neck [illegible]

that afternoon [illegible]

where the [illegible]

at the mouth [illegible]

neck, and [illegible]

minutes, [illegible] in advance

and [illegible]

the [illegible] round, and [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

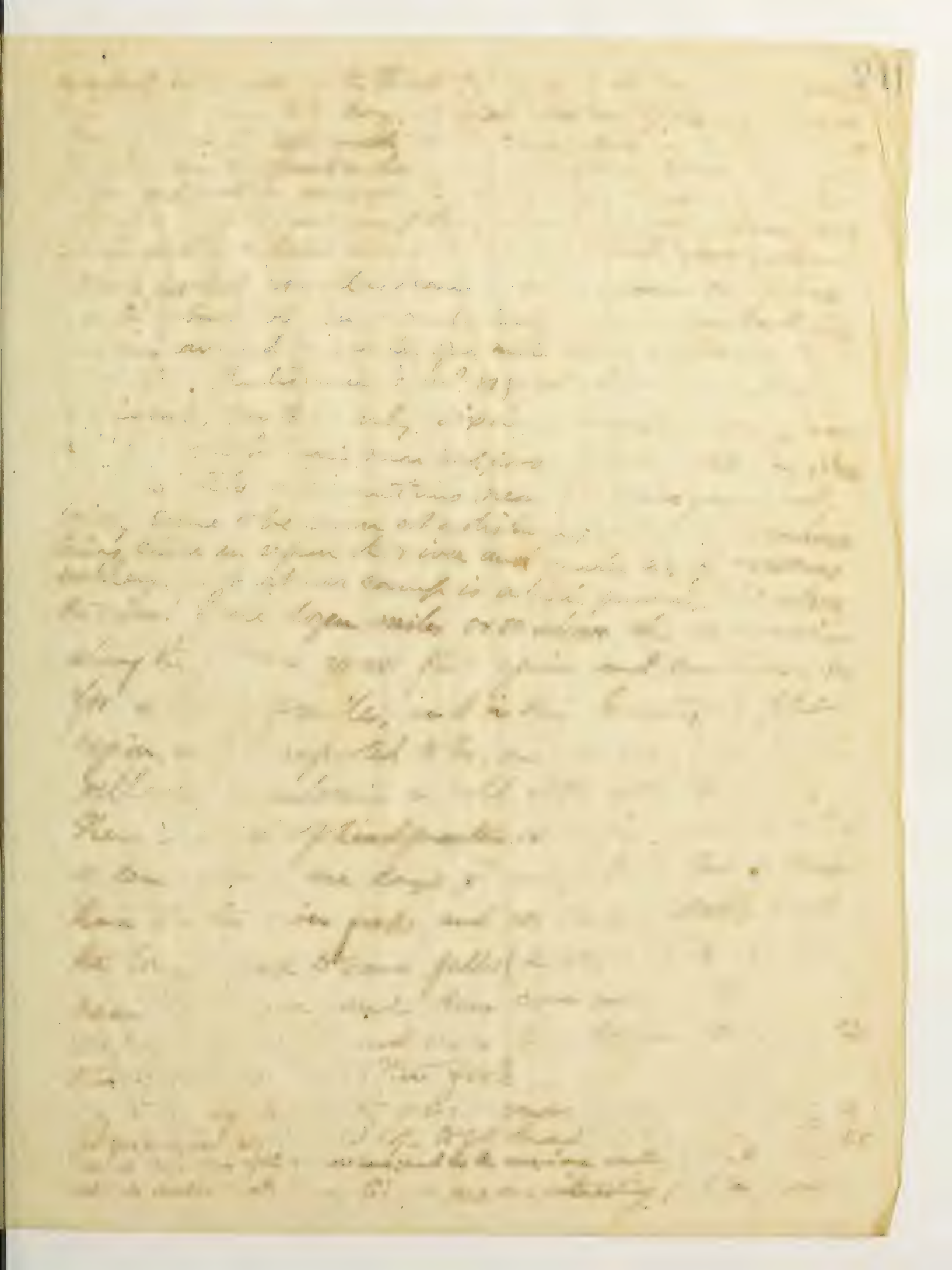
[illegible]

5

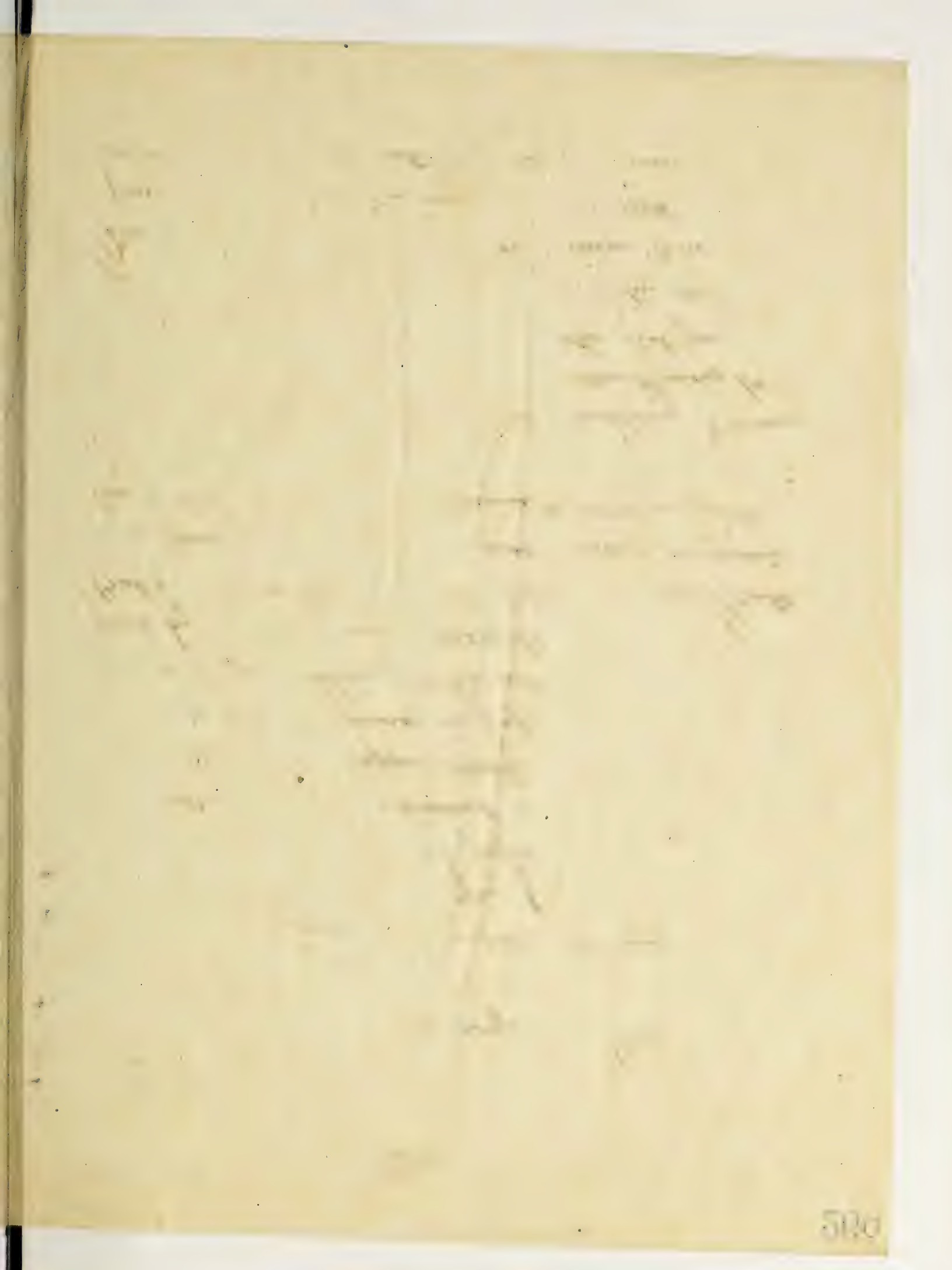
have one or two chances to write you again before sending [illegible]. On the other hand your next letter may go to [illegible] and wait for us there. [illegible] necessary for us to get [illegible] was [illegible] [illegible] was [illegible] and hope [illegible] there about [illegible] of the middle.

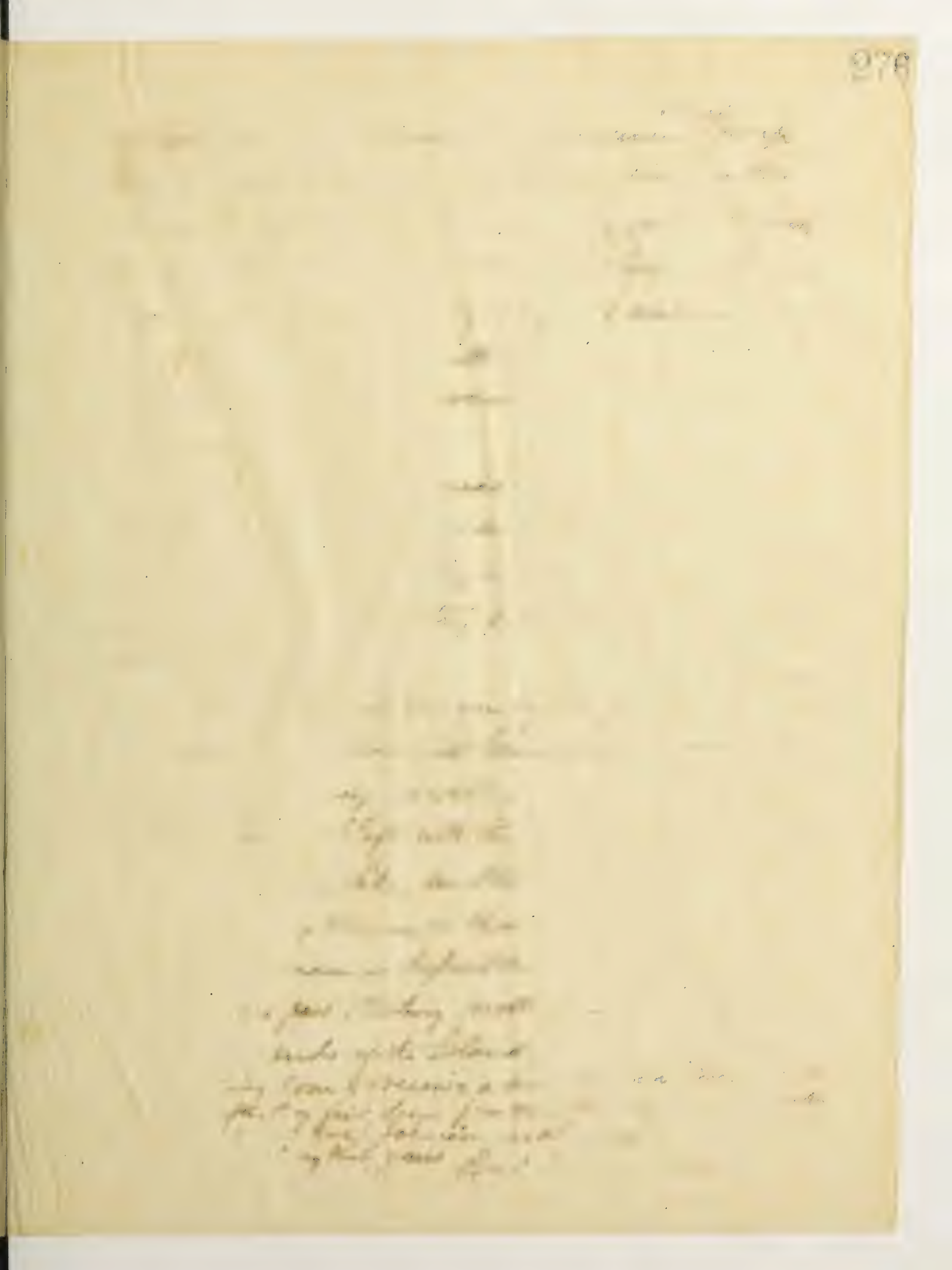
I am sorry that you should be so anxious about [illegible]. [illegible] judge [illegible] in no greater danger [illegible] than [illegible] [illegible] generally. Indeed [illegible] [illegible] no further [illegible] for [illegible] but that which [illegible] [illegible] a few hours together [illegible] who have nothing [illegible] [illegible] it would be [illegible] [illegible] [illegible] [illegible] but not [illegible] for that of the [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]
[illegible]



if the Kaiserwald at the





ORS

[illegible]

[illegible] cut, and [illegible]

[illegible] and seen [illegible]

[illegible]

[illegible] 1900 [illegible]

[illegible]

[illegible] feet [illegible] fishing [illegible]

[illegible] 550 Cubic feet [illegible]

[illegible] "[illegible]" [illegible]

[illegible] alauras [illegible] [illegible]

[illegible] a very [illegible]

[illegible]

[illegible] arrived [illegible]

[illegible]

[illegible]

[illegible] and [illegible]

[illegible] sand and pebbles opposite [illegible]

[illegible] having accomplished according [illegible]

7¾ miles (4.1 mi) in the day